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Paper No Presenting Author Names		Submitting Author First Name	Track	Topic	Paper Title
6 David Dinehart	Dinehart	David	Materials and Innovative Products	1.1 Structural performance of materials	WOOD AND STEEL VISCOELASTIC DAMPERS: SHORT AND LONG-TERM PERFORMANCE
7 David Dinehart	Dinehart	David	Materials and Innovative Products	1.1 Structural performance of materials	COMPARISON OF THE STRUCTURAL CAPACITY OF SHEAR WALLS SHEATHED WITH ORIENTED STRAND BOARD AND RECYCLED MATERIAL SUBJECTED TO CYCLIC LOADING
20 Alex Sixie Cao	Cao	Alex Sixie	Materials and Innovative Products	1.1 Structural performance of materials	Pendulum impact hammer tests on spruce glued laminated timber – Setup description
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164 Ryutaro Sudo	Sudo	Ryutaro	Materials and Innovative Products	1.1 Structural performance of materials	Comparison of the degree of influence of various conditions on the bearing capacity of wood-based panels
225 Marco Lo Ricco	Lo Ricco	Marco	Materials and Innovative Products	1.1 Structural performance of materials	Ballistic Testing of Cross-Laminated Timber Layups to further Develop Protective Panels
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538 Andre Jorissen	Wang Van Rie	Dawei Johnny	Materials and Innovative Products	1.3 Long-term behaviour  1.3 Long-term behaviour	EFFELTS OF HOMIDITY AND COMD LEVEL ON THE CREEP OF DIDWINSOLED CROSS-DAMINATED HIMBER SHEAR CREEP OF POLYSTYPENE CORES IN WOODBASED PARIES SHEAR CREEP OF POLYSTYPENE CORES IN WOODBASED PARIES PARIES PARIES  SHEAR CREEP OF POLYSTYPENE CORES PARIES PARIE
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		Jörg	Materials and Innovative Products	1.4 Engineered timber products and production	Mechanical Properties tests of delignified and densified wood
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200 Boris Poupet	Poupet	Boris	Materials and Innovative Products	1.5 Quality control of timber-based materials	Local moisture content and moisture gradient analysis during sawn timber drying
289 Stanley Emeka Iwuoha	Iwuoha	Stanley Emeka	Materials and Innovative Products	1.5 Quality control of timber-based materials	VARIATION IN MECHANICAL PROPERTIES WITHIN AND BETWEEN PLANTATION-GROWN GMELINA ARBOREA TREES
430 Andreas Weidenhiller 482 Franka Brüchert	Weidenhiller	Andreas	Materials and Innovative Products  Materials and Innovative Products	1.5 Quality control of timber-based materials	Prediction of Douglas Fr Sawn Timber Yield Based on Log Computed Tomography GREEN DAKE DILLION WITH HIGH-FICH METHODS, PART : CHARACTERSIATION OF THE RAW MATERIAL GREEN DAKE BUILDING WITH HIGH-FICH METHODS, PART : CHARACTERSIATION OF THE RAW MATERIAL
629 David Gil-Moreno	Hofmann Gil-Moreno	Nicolas David	Materials and Innovative Products  Materials and Innovative Products	1.5 Quality control of timber-based materials 1.5 Quality control of timber-based materials	GREEN UMB DUILDING WITH RIGH-FLEUT ME ITHOUGH, SHALL I'L CHARACLERISATION OF THE RANK WAILERIAL.  CONSIDERATIONS FOR GRADING SPECIES COMBINITATIONS. THE EXAMPLE OF DOUGLAS FIR WITH LARCH IN IRELAND AND UK  CONSIDERATIONS FOR GRADING SPECIES COMBINITATIONS. THE EXAMPLE OF DOUGLAS FIR WITH LARCH IN IRELAND AND UK  CONSIDERATIONS FOR GRADING SPECIES COMBINITATIONS. THE EXAMPLE OF DOUGLAS FIR WITH LARCH IN IRELAND AND UK
634 Daniel Ridley-Ellis	Ridley-Ellis		Materials and Innovative Products	1.5 Quality control of timber-based materials	Considerations for grading species combinations. General remarks on scenarios and requirements.
699 Michal Kloiber	Kloiber	Michal	Materials and Innovative Products	1.5 Quality control of timber-based materials	PREDICTION OF SAWLOG TWISTING BASED ON MEASURED SPIRAL GRAIN OF SPRUCE TRUNKS AND LOGS
810 Prashanth Gunasekaran	Gunasekaran	Prashanth	Materials and Innovative Products	1.5 Quality control of timber-based materials	Ultrasonic-Based Defect Identification in Timber Using Uniform Manifold Approximation and Projection (UMAP)
71 Jana Kolbe 72 Jana Kolbe	Kolbe Kolbe	Jana		2.1 Sustainable environment and use of wood	GLUED. IN HARDWOOD RODS USING BIO-SOURCED ADHESIVES — PART I: INVESTIGATIONS UNDER LABORATORY CONDITIONS GLUED. IN HARDWOOD RODS USING BIO-SOURCED ADHESIVES — PART I: INFESTIGATIONS UNDER LABORATORY CONDITIONS GLUED. IN HARDWOOD RODS USING BIO-SOURCED ADHESIVES — PART I: INFELIZER CE PERVIRONMENTAL CONDITIONS
72 Jana Kolbe 77 Hongjun Wang	Wang	Jana Hongjun		2.1 Sustainable environment and use of wood 2.1 Sustainable environment and use of wood	MATERIAL FLOW ANALYSIS AND CARBON FOOTRITO F OFFICET SECURITY OF FORE THE CONTROL CARE AND CARBON FOOTRITO F OFFICET SECURITY OF FORE THE CONTROL CARE AND CARBON FOOTRITO F OFFICET SECURITY OF FORE THE CONTROL CARE AND CARBON FOOTRITO F OFFICET SECURITY OF FORE THE CONTROL CARE AND CARBON FOOTRITO F OFFICET SECURITY OF FORE THE CONTROL CARE AND CARBON FOOTRITO F OFFICET SECURITY OF FORE THE CONTROL CARE AND CARBON FOOTRITO F OFFICET SECURITY OF FORE THE CONTROL CARE AND CARBON FOOTRITO F OFFICET SECURITY OF FORE THE CONTROL CARE AND CARBON FOOTRITO F OFFICET SECURITY OF FORE THE CONTROL CARE AND CARBON FOOTRITO F OFFICET SECURITY OF FORE THE CONTROL CARE AND CARBON FOOTRITO F OFFICET SECURITY OF FORE THE CONTROL CARE AND CARBON FOOTRITO F OFFICET SECURITY OF FORE THE CARBON F OOTRITO F OFFICET SECURITY OF FORE THE CARBON F OOTRITO F OFFICET SECURITY OF F OFFICE SECURITY OFFICE SECURITY OF F OFFICE SECURITY OFFICE SECURITY OF F OFFICE SECURITY OF F OFFICE SECURITY OF F OFFICE SECURITY OFFICE SECURIT
83 Tadashi Hara	Hara	Tadashi	Sustainability and Environmental Impact	2.1 Sustainable environment and use of wood	GROUND IMPROVEMENT EFFECT OF TIMBER PILES BURIED IN SOFT CLAY GROUND
96 Naoya lizawa	lizawa	Naoya	Sustainability and Environmental Impact	2.1 Sustainable environment and use of wood	STUDY ON ENVIRONMENT DECOMPOSITION AND STRENGTH OF CLT WHEN TEMPORARILY USED ON CIVIL ENGINEERING
161 Carina Hartmann 180 Richard Hough	Hartmann Hough	Carina Richard		2.1 Sustainable environment and use of wood 2.1 Sustainable environment and use of wood	DEVELOPMENT OF FUTURE-ORENTED CONCEPTS FOR AGRICULTURAL CONSTRUCTION WITH WOOD  Building Toward Zero Embodied Carbon  Building Toward Zero Embodied Carbon
234 Mohamad Badder-Eddin	Leonard	Samantha		2.1 Sustainable environment and use of wood 2.1 Sustainable environment and use of wood	autioning toward zero transcolled Latroon  Trade—offs in anobodied carbon and acoustic insulation for mass timber floor assemblies
256 Alireza Fadai	Fadai	Alireza		2.1 Sustainable environment and use of wood	ECOLOGICAL PERFORMANCE AND RECYCLABILITY OF TIMES HASED CONSTRUCTIONS
293 Annette Harte	Harte	Annette	Sustainability and Environmental Impact	2.1 Sustainable environment and use of wood	Embedment strength of recovered spruce and oak
317 Makoto Imai	Imai	Makoto	Sustainability and Environmental Impact	2.1 Sustainable environment and use of wood	PROPOSAL OF A METHOD FOR ESTIMATING THE RESIDUAL STRENGTH FROM THE DEPTH OF PILODYN PENETRATING FOR A CYLINDRICAL MEMBER
335 Annette Harte 452 Meng-Ting Tsai	Harte Tsai	Annette Meng-Ting		2.1 Sustainable environment and use of wood 2.1 Sustainable environment and use of wood	Bending characteristics of C1 from recovered spruce  COMPARISON OF DERROY FERDING SET WEEK OF STRUCTURE SYSTEM AND RC STRUCTURE SYSTEM IN SUBTROPICAL AND TROPICAL AREA
582 Ramit Debnath	Koronaki	Antiopi		2.1 Sustainable environment and use of wood 2.1 Sustainable environment and use of wood	Comprising of the first influence of the first of the fir
716 Antonio Costa	Costa	Antonio		2.1 Sustainable environment and use of wood	DEVELOPMENT OF MATERIAL FOR CIVIL CONSTRUCTION FROM BABAÇU PALM FIBERS
745 Weichiang Pang	Pang	Weichiang	Sustainability and Environmental Impact	2.1 Sustainable environment and use of wood	Exploring the Structural Design, Cost, and Durability of Mass Timber Noise Barrier for Highway Applications
815 Letícia do Nascimento Costa	Costa	Letícia do Nascimento		2.1 Sustainable environment and use of wood	CORROSION INHIBITOR POTENCIAL WITH BOLDO BRASILEIRO COMPARED TO COMMERCIAL INHIBITOR IN WOOD CONNECTION
79 Özlem Özdemir 98 Xiaoyue Zhang	Özdemir Zhang	Özlem Xiaoyue	Sustainability and Environmental Impact Sustainability and Environmental Impact	2.2 Sustainability and Life cycle assessment 2.2 Sustainability and Life cycle assessment	LIFE CYCLE ASSESSMENT ON DIFFERNET TIMBER SRIDGE TYPES: DECK BRIDGE, BIOLOCK GIRODE BRIDGE, TROUGH BRIDGE, PYLON BRIDGE  STRUCTURAL AND LIFE CYCLE MANUES'S FOR A TIMBER CONCRETE I YERRIDE BUILDING  STRUCTURAL AND LIFE CYCLE MANUES'S FOR A TIMBER CONCRETE I YERRIDE BUILDING  STRUCTURAL AND LIFE CYCLE MANUES'S FOR A TIMBER CONCRETE I YERRIDE BUILDING  STRUCTURAL AND LIFE CYCLE MANUES'S FOR A TIMBER CONCRETE I YERRIDE BUILDING  STRUCTURAL AND LIFE CYCLE MANUES'S FOR A TIMBER CONCRETE I YERRIDE BUILDING  STRUCTURAL AND LIFE CYCLE MANUES'S FOR A TIMBER CONCRETE I YERRIDE BUILDING  STRUCTURAL AND LIFE CYCLE MANUES'S FOR A TIMBER CONCRETE I YERRIDE BUILDING  STRUCTURAL AND LIFE CYCLE MANUES'S FOR A TIMBER CONCRETE I YERRIDE BUILDING  STRUCTURAL AND LIFE CYCLE MANUES'S FOR A TIMBER CONCRETE I YERRIDE BUILDING  STRUCTURAL AND LIFE CYCLE MANUES'S FOR A TIMBER CONCRETE I YERRIDE BUILDING  STRUCTURAL AND LIFE CYCLE MANUES'S FOR A TIMBER CONCRETE I YERRIDE BUILDING  STRUCTURAL AND LIFE CYCLE MANUES'S FOR A TIMBER CONCRETE I YERRIDE BUILDING  STRUCTURAL AND LIFE CYCLE MANUES'S FOR A TIMBER CONCRETE I YERRIDE BUILDING  STRUCTURAL AND LIFE CYCLE MANUES HIGH CONCRETE I YERRIDE BUILDING  STRUCTURAL AND LIFE CYCLE MANUES HIGH CONCRETE I YERRIDE BUILDING LIFE CYCLE BUILDING LIFE CONCRETE I YERRIDE BUILDING LIFE CYCLE BUILDIN
184 Zsofia Varga	Varga	Zsofia	Sustainability and Environmental Impact		EVALUATION OF THE RECYCLABILITY OF TIMBER BEAM STRUCTURES
284 Iztok Sustersic	Stepinac	Mislav	Sustainability and Environmental Impact	2.2 Sustainability and Life cycle assessment	HOLISTIC DESIGN OF TALLER TIMBER BUILDINGS – COST ACTION HELEN (CA20139)
299 Silvia Santini	Santini	Silvia	Sustainability and Environmental Impact	2.2 Sustainability and Life cycle assessment	Sustainable assessment: a contribution to improve the reliability of NDT on old chestnut purlins
405 Steven Kontra 450 Anna Wagner	Kontra Wagner	Steven	Sustainability and Environmental Impact	2.2 Sustainability and Life cycle assessment 2.2 Sustainability and Life cycle assessment	DESION AND CRADIE-TO-GRAVE LIFE-CYCLE ASSESSMENT OF A PULL-SCALE SIX-STORY SHAKE-TABLE TEST BULDING Comparative life (cycle assessment of timber-concrete composite walls with concrete and CLT-wall elements)
579 Roja Modaresi		Roja	Sustainability and Environmental Impact Sustainability and Environmental Impact		Comparative life cycle assessment of timber-concrete-composite walls with concrete and CLI-wall elements A cradle-to-pate life cycle assessment (CLA) of five selected Norwegian sawmills  A cradle-to-pate life (cycle assessment (ICA) of five selected Norwegian sawmills  B cradle-to-pate life (cycle assessment (ICA) of five selected Norwegian sawmills
590 Hooman Eslami	Eslami	Hooman	Sustainability and Environmental Impact	2.2 Sustainability and Life cycle assessment	INFLUENCE OF DIFFERENT END-OF-LIFECYCLE SCENARIOS ON THE ENVIRONMENTAL IMPACTS OF TIMBER-CONCRETE COMPOSITE FLOOR SYSTEMS
621 Jae-won Oh	Oh	Jaewon	Sustainability and Environmental Impact	2.2 Sustainability and Life cycle assessment	A Structural-Member Level Assessment Of The Environmental Impact Of Timber, Reinforced Concrete And Steel In Building Construction
657 Guido Nieri	Nieri	Guido	Sustainability and Environmental Impact		HYBRID STRUCTURES IN HIGH-RISE BUILDINGS: THE USE OF APPROPRIATE MATERIALS.
679 David Roueche 690 Efthymia Ratsou Stæhr	Roueche Ratsou Stæhr	David Efthymia	Sustainability and Environmental Impact	2.2 Sustainability and Life cycle assessment	BENCHMARK LIFE-CYLLE AND CONSTRUCATBILITY ASSESSMENT OF COMPOSITE STEEL-TIMBER SYSTEMS  AUGUSTON OF THE CONSTRUCATBILITY ASSESSMENT OF COMPOSITE STEEL-TIMBER SYSTEMS  AUGUSTON OF THE CONSTRUCTOR AND AUGUSTON OF THE CONSTRUCTOR AUGUSTO
711 Felipe Victorero	Victorero	Felipe	Sustainability and Environmental Impact	2.2 Sustainability and Life cycle assessment 2.2 Sustainability and Life cycle assessment	Meeting the 2050 Paris agreement targets using massive timber in school buildings.  REVIEW AND COMPARISON OF DIFFERENT TIMBER BUILDING PRODUCT'S EMBODIED EMISSIONS USING FREE DATABASES.
354 Mark Fretz	Fretz	Mark	Sustainability and Environmental Impact	2.3 Zero Emission Building technologies	Developing An Application For Mass Plywood Panels In Seismic And Energy Wall Retrofits
312 Ingrid Bakke	Bakke	Ingrid	Sustainability and Environmental Impact	2.5 Human perception & health	Emission of Volatile Organic Compounds From Wood Materials and Impact on Indoor Air Quality
345 Takashi Shima 385 Pasi Aalto	Shima Aalto	Takashi Pasi		2.5 Human perception & health	COMBINED EFFECTS OF VISUAL AND OLFACTORY STIMULATION BY INTRODUCING WOOD WHILE WORKING OR RESTING WOOD INTERIORS IN ARCHITECTURE: AN PET-REACKING STUDY  WOOD INTERIORS IN ARCHITECTURE: AN PET-REACKING STUDY  WOOD INTERIORS IN ARCHITECTURE: AN PET-REACKING STUDY
824 Bror Sundqvist	Sundqvist	Bror	Sustainability and Environmental Impact Sustainability and Environmental Impact	2.5 Human perception & health	WOOD INTERIORS IN ARCHITECTURE: AR PEYIRACKING STUDY Cross-laminated panels wood panels in a patient room and studies of interior environment
832 Ute Groba	Groba	Ute	Sustainability and Environmental Impact		CIRCULAR WOOD CONSTRUCTION — EXPECTATIONS, EXPERIENCES AND ACCEPTANCE AMONG USERS, ARCHITECTS AND INDUSTRY REPRESENTATIVES
283 Akiko Ohtsuka	Ohtsuka	Akiko			
			Sustainability and Environmental Impact	2.7 Building operation & maintenance	FUNDAMENTAL STUDY ON REPAIR BY EPOXY RESIN MIXED WITH CELLULOSE FIBER TO RECOVER BENDING PERFORMANCE OF WOODEN PARTS
509 Bettina Franke	Franke	Bettina	Sustainability and Environmental Impact	2.7 Building operation & maintenance	Quality assurance of timber structures by new monitoring methods for the moisture content of wood
509 Bettina Franke 619 Naoki Kakehashi	Franke Kakehashi	Bettina Naoki	Sustainability and Environmental Impact Sustainability and Environmental Impact	2.7 Building operation & maintenance 2.7 Building operation & maintenance	Quality assurance of timber structures by new monitoring methods for the moisture content of wood  Current status of maintenance of thatched roofs in Shikoku
509 Bettina Franke	Franke	Bettina	Sustainability and Environmental Impact	2.7 Building operation & maintenance	Quality assurance of timber structures by new monitoring methods for the moisture content of wood
509 Bettina Franke 619 Naoki Kakehashi 23 Keita Ogawa 28 Joshua Woods 39 Jan Niederwestberg	Franke Kakehashi Ogawa Woods Niederwestberg	Bettina Naoki Keita Joshua Jan	Sustainability and Environmental Impact Sustainability and Environmental Impact Timber Engineering Timber Engineering Timber Engineering	2.7 Building operation & maintenance 2.7 Building operation & maintenance 3.1 Connections 3.1 Connections 3.1 Connections	Quality assurance of limber structures by new monitoring methods for the moisture content of wood  Current status of maintenance of thatched roofs in Shikoku  EFFECT OF RISM IMPREGNATION INTO WOOD CELL ON LATERAL RESITANCE OF SCREWED JOINT CONNECTING SOLID WOOD AND STEEL PLATE  Structural performance of guilant mitnet-steel brace connections reinforced with self-tapping screws  PREDICTION OF WITHORAWAL STRIFFERS OF SELF-TAPPING SCREWS
509 Bettina Franke 619 Naoki Kakehashi 23 Keita Ogawa 28 Joshua Woods 39 Jan Niederwestherg 47 Yewei Ding	Franke Kakehashi Ogawa Woods	Bettina Naoki Keita Joshua Jan Yewei	Sustainability and Environmental Impact Sustainability and Environmental Impact Timber Engineering Timber Engineering Timber Engineering Timber Engineering	2.7 Building operation & maintenance 2.7 Building operation & maintenance 3.1 Connections 3.1 Connections 3.1 Connections 3.1 Connections 3.1 Connections	Quality assurance of limber structures by new monitoring methods for the moisture content of wood  Current status of minientenesse of historicer food is Shiokou  EFFECT OR RESN IMPREGNATION INTO WOOD CELL ON LATERAL RESSTANCE OF SCREWED JOINT CONNECTING SOLID WOOD AND STEEL PLATE  STRUCTURE performance of guidant interies retel brace connections rendered with self-tapping screws  PREDICTION OF WITHDRAWAL STEPPESS OF SELF-PAPING SCREWS  MAN-BASED MONOTION LIGADING RESPONDE PREDICTION OF CLI JOINTS
500   Bettina Franke	Franke Kakehashi Ogawa Woods Niederwestberg Ding Yin	Bettina Naoki Keita Joshua Jan Yewei Tianxiao	Sustainability and Environmental Impact Sustainability and Environmental Impact Timber Engineering Timber Engineering Timber Engineering Timber Engineering Timber Engineering Timber Engineering	2.7 Building operation & maintenance 2.7 Building operation & maintenance 3.1 Connections 3.1 Connections 3.1 Connections 3.1 Connections 3.1 Connections	Quality assurance of limber structures by new monitoring methods for the moisture content of wood  Current status of maintenance of bhatched rook is Shidow.  EFFECT OF RESN IMPREGNATION INTO WOOD CELL ON LATERAL RESISTANCE OF SCREWED JOINT CONNECTING SOLID WOOD AND STEEL PLATE  SINUSURI performance of guidant mitner-steel brace connections reinforced with self-tapping screws  PREDICTION OF WITHDRAWAL STRIPRES OF SELF-TAPPING SCREWS  BNN-BASED MONOTONIC LOADING BEHAVIOR PREDICTION OF CLT JOINTS  CICLIE BEHAVIOR OF MORTISE-TERON JOINTS REINFORCED SELF-TAPPING SCREWS  CICLIE BEHAVIOR OF MORTISE-TERON JOINTS REINFORCED SELF-TAPPING SCREWS
509         Bettinis Franke           619         Naoki Kakehashi           23         Keita Ogawa           28         Joshua Woods           39         Jan Niederwestberg           47         Yewei Ding           55         Tiarrakso Yin           65         Kjell Arne Malo	Franke Kakehashi Ogawa Woods Niederwestberg Ding Yin Malo	Bettina Naoki Keita Joshua Jan Yewei	Sustainability and Environmental Impact Sustainability and Environmental Impact Timber Engineering	2.7 Building operation & maintenance 2.7 Building operation & maintenance 3.1 Connections	Quality assurance of limber structures by new monitoring methods for the moisture content of wood  Current status of minieraneance of hatsacher ords in Shiokow.   EFFECT OR RESNI MARREGONATION NTO WOOD CELL ON LATERAL RESSTANCE OF SCREWED JOINT CONNECTING SOLID WOOD AND STEEL PLATE  STRUCTURE performance of glulam timbers either based connections rendrored with self-stapping screws  PREDICTION OF WITHDRAWAL STEPPASS OF SELF-TAPPING SCREWS  MAN-BASED MONOTOMIC LOADING RENDROW ORD CELT JOINTS  CYCLL BEHAVORS OF MORTISS-FERON JOINTS RENDRORGED BY SELF-TAPPING SCREW  SERVICABALITY STEPPASS FOR TAMBER CHONECTIONS WITH DOWNES AND SCRIPTION SCREW  SERVICABALITY STEPPASS FOR TAMBER CHONECTIONS WITH DOWNES AND SCRIPTION SCREW  SERVICABALITY STEPPASS FOR TAMBER CHONECTIONS WITH DOWNES AND SCRIPTION SCREW  SERVICABALITY STEPPASS FOR TAMBER CHONECTIONS WITH DOWNES AND SCRIPTION SCREW  SERVICABALITY STEPPASS FOR TAMBER CHONECTIONS WITH DOWNES AND SCRIPTION SCREW  SERVICABALITY STEPPASS FOR TAMBER CHONECTIONS WITH DOWNES AND SCRIPTION SCREW  SERVICABALITY STEPPASS FOR TAMBER CHONECTIONS WITH DOWNES AND SCRIPTION SCREW  SERVICABALITY STEPPASS FOR TAMBER CHONECTIONS WITH DOWNES AND SCRIPTION SCREW  SERVICABALITY SERVICES FOR TAMBER CHONECTIONS WITH DOWNES AND SCRIPTION SCREW  SERVICABALITY SERVICES FOR TAMBER CHONECTION SWITH DOWNES AND SCRIPTION SCREW  SERVICABALITY SERVICES FOR TAMBER CHONECTION WITH DOWNES AND SCRIPTION SCREW  SERVICABALITY SERVICES FOR TAMBER CHONECTION SWITH DOWNES AND SCRIPTION SCREW  SERVICES SERVICE
509   Settins Franke	Franke Kakehashi Ogawa Woods Niederwestberg Ding Yin Malo Schweigler Blomqvist	Bettina Naoki Keita Joshua Jan Yewei Tianxiao Kjell Arne Michael Lars	Sustainability and Environmental Impact Sustainability and Environmental Impact Timber Engineering	2.7 Building operation & maintenance 2.7 Building operation & maintenance 3.1 Connections	Quality assurance of limber structures by new monitoring methods for the moisture content of wood  Current status of minieraneance of hatsacher ords in Shiokow.   EFFECT OR RESNI MARREGONATION INTO WOOD CELL ON LATERAL RESSTANCE OF SCREWED JOINT CONNECTING SOLID WOOD AND STEEL PLATE  STRUCTURE JOINT CONNECTION OF WITHORAWAL STEPPARTS OF SELECT APPRING SCREWS  PREDICTION OF WITHORAWAL STEPPARTS OF SELECT APPRING SCREWS  ANN-ARSED MONOTOMIC LOADING RESHAUMOR PREDICTION OF CELT JOINTS  CYCLE BEHAVORS OF MORTIES FERON JOINTS REINFORCED BY SELECT APPRING SCREWS  MOSTURE AND ASSEMBLY HISTORY SEPECTS ON REMEMBURSH PROPERTIES OF STEEL DOWELS MY SUPPLIES AND SERVICE AND STRUCT AND ASSEMBLY HISTORY SEPECTS ON REMEMBURSH SOFT OF SELECT APPRING SPECIES OF STEEL PLATES  MOSTURE AND ASSEMBLY HISTORY SEPECTS ON REMEMBURSH PROPERTIES OF STEEL DOWELS MY SPRUCE AND BIRCH  DEPREMENTAL AND MUNIFICACIA MANY SECON FOR CELT STRUCTURES  DEPREMENTAL AND MUNIFICACIA MANY SECON
509   Settins Franke	Franke Kakehashi Ogawa Woods Niederwestberg Ding Yin Malo Schweigler Blompvist Zhang	Bettina Naoki Keita Joshua Jan Yewei Tianvidoo Kjell Arne Michael Lars Lei	Sustainability and Environmental Impact Sustainability and Environmental Impact Timber Engineering	2.7 Building operation & maintenance 2.7 Building operation & maintenance 3.1 Connections	Quality assurance of limber structures by new monitoring methods for the moisture content of wood  Current status or miniercense of historic orosi in Shiokou  EFFECT OF RESM IMPREGMATION NTO WOOD CELL ON LATERAL RESSETANCE OF SCREWED JOINT CONNECTING SOLID WOOD AND STEEL PLATE  STRUCTURE JOINT CONTROL OF STRUCTURE OF SCREWED JOINT CONNECTING SOLID WOOD AND STEEL PLATE  PREDICTION OF WITHORAWAY STRIPMES OF SELF-APPING SCREWS  BIN MAGIO MONOTONIC LOADING BERNINON PREDICTION OF CELT JOINTS AS AND STRUCTURES OF SELF-APPING SCREWS  CYCLE SEMANOR OF MONITORS TRANSPORCED OF SELF-APPING SCREWS  CYCLE SEMANOR OF MONITORS TRANSPORCED OF SELF-APPING SCREWS  MONITORING AND STRUCTURE OF SELF-APPING SCREWS  SERVICE AND SCREWS OF SCREWS OF SELF-APPING SCREWS  SERVICE AND SCREWS OF SCREWS OF SCREWS OF SCREWS  SERVICE AND SCREWS OF SCREWS OF SCREWS OF SCREWS  SERVICE AND SCREWS OF SCREWS OF SCREWS OF SCREWS  SERVICE AND SCREWS OF SCREWS OF SCREWS OF SCREWS  SERVICE AND SCREWS OF SCREWS OF SCREWS  SERVICE AND SCREWS OF SCREWS OF SCREWS OF SCREWS
509   Settins Franke	Franke Kakehashi Ogawa Woods Niederwestberg Ding Yrn Malo Schweigler Blomqvist Zhang Buchholz	Bettina Naoki Keita Joshua Joshua Jan Yewel Tilanxiao Kjell Arne Michael Lars Lei Lea	Sustainability and Environmental Impact Sustainability and Environmental Impact Timber Engineering	2.7 Building operation & maintenance 2.7 Building operation & maintenance 3.1 Connections	Cuality assurance of limber structures by new monitoring methods for the moisture content of wood  Current status of minierance of hatbacker or of is Shikoke.  EFFECT OF RESM IMPREGMATION INTO WOOD CELL ON LATERAL RESSTANCE OF SCREWED DOINT CONNECTING SOLID WOOD AND STEEL PLATE  STRUCTURE performance of guldam interine treated brase connections reinforced with self-stapping screws  PREDICTION OF WITHDRAWAL STEPPESS OF SELF-TAPPING SCREWS  ANN ARSOM MONOTION CLOADING BERODICTION OF CLI JOINTS  CYCLE BEHAVIOR OF MORTISE-TERON JOINTS REINFORCED BY SELF-TAPPING SCREWS  MOSTURE AND ASSEMBLY HISTORY SERFECTS ON EMBEDMENT PROPERTIES OF STEEL PLATES  MOSTURE AND ASSEMBLY HISTORY FEFECTS ON EMBEDMENT PROPERTIES OF STEEL DOWELS NO SPRUCE AND BIRCH  DEPREMENTIAL AND MUNIBRICAL ANALYSIS OF A CONNECTION OF CLI ST THISTORY SERVICES  ROBUSTMENT AND MUNIBRICAL ANALYSIS OF A CONNECTION OF CLI ST THISTORY SERVICES  ROBUSTMENT AND MUNIBRICAL ANALYSIS OF A CONNECTION OF CLI ST THISTORY SERVICES  Experimental Investigations on the SHIFFOR SI SHEF THE PLATES  ROBUSTMENT AND MUNIBRICAL ANALYSIS OF A CONNECTION OF CLI ST THISTORY SERVICES  Experimental Investigations on the SHIFFOR SI SHEF THE PLATES IN THE PLATES OF THE PLA
509   Settins Franke	Franke Kakehashi Ogawa Woods Niederwestberg Ding Yin Malo Schweigler Blompvist Zhang	Bettina Naoki Keita Joshua Jan Yewei Tianvidoo Kjell Arne Michael Lars Lei	Sustainability and Environmental Impact Sustainability and Environmental Impact Timber Engineering	2.7 Building operation & maintenance 2.7 Building operation & maintenance 3.1 Connections	Quality assurance of limber structures by new monitoring methods for the moisture content of wood  Current status or miniercense of historic orosi in Shiokou  EFFECT OF RESM IMPREGMATION NTO WOOD CELL ON LATERAL RESSETANCE OF SCREWED JOINT CONNECTING SOLID WOOD AND STEEL PLATE  STRUCTURE JOINT CONTROL OF STRUCTURE OF SCREWED JOINT CONNECTING SOLID WOOD AND STEEL PLATE  PREDICTION OF WITHORAWAY STRIPMES OF SELF-APPING SCREWS  BIN MAGIO MONOTONIC LOADING BERNINON PREDICTION OF CELT JOINTS AS AND STRUCTURES OF SELF-APPING SCREWS  CYCLE SEMANOR OF MONITORS TRANSPORCED OF SELF-APPING SCREWS  CYCLE SEMANOR OF MONITORS TRANSPORCED OF SELF-APPING SCREWS  MONITORING AND STRUCTURE OF SELF-APPING SCREWS  SERVICE AND SCREWS OF SCREWS OF SELF-APPING SCREWS  SERVICE AND SCREWS OF SCREWS OF SCREWS OF SCREWS  SERVICE AND SCREWS OF SCREWS OF SCREWS OF SCREWS  SERVICE AND SCREWS OF SCREWS OF SCREWS OF SCREWS  SERVICE AND SCREWS OF SCREWS OF SCREWS OF SCREWS  SERVICE AND SCREWS OF SCREWS OF SCREWS  SERVICE AND SCREWS OF SCREWS OF SCREWS OF SCREWS
509   Settins Franke	Franke Kakehathi Ogawa Woods Niidenwestberg Ding Niidenwestberg Ding Whol Malo Schweigler Blomqvot Zhang Buchholz Baird Maeda U U	Bettina Naoki Leita Joshus Jan Yewei Tianwiao Kjell Arne Michael Lars Lei Lea Zoe	Sustainability and Environmental Impact Sustainability and Environmental Impact Timber Engineering	2.7 Building operation & maintenance 2.7 Building operation & maintenance 3.1 Connections	Cuality assurance of limber structures by new monitoring methods for the moisture content of wood  Current status of minierance of histanciar on ois in Sikolou  EFFECT OF RESIM IMPREGNATION NTO WOOD CELL ON LATERAL RESISTANCE OF SCREWED JOINT CONNECTING SOLID WOOD AND STEEL PLATE  STRUCTURE JOINT CONTROL (PAULING STEEL AND STEEL PLATE)  PREDICTION OF WITHDRAWAL STEPLINGS OF SELF-APPING SCREWS  AN ARSED MONOTONIC LOANING RESHAWING PREDICTION OF CUT JOINTS  CYCLE BEHAVIOR OF MONTING-TERON JOINTS REINFORCED BY SILF-TAPPING SCREWS  SILVENATION OF MONTING-TERON JOINTS REINFORCED BY SILF-TAPPING SCREWS  SILVENATION OF MONTING-TERON JOINTS REINFORCED BY SILF-TAPPING SCREWS  SILVENATION OF MONTING-TERON SILVENATION OF SILVEN
509   Settins Franke	Franke Kakehabi Ogawa Woods Niederwestberg Oing Yin Malo Schweigler Blomoyoks Blomoyoks Barld Maeda Li Li Verman	Bettina Naoki Ketta Doshhua Jan Yewel Tianxiao Sjell Arne Michael Lars Lei Lea Zoe Mussaki Zhengxao	Sustainability and Environmental Impact Sustainability and Environmental Impact Timber Engineering	2.7 Building operation & maintenance 2.7 Building operation & maintenance 3.1 Connections	Cuality assurance of limber structures by new monitoring methods for the moisture content of wood Current status of minierance of hatabetic roofs in Shiokow.  EFFECT OF RESM IMPREGMATION INTO WOOD CELL ON LATERAR RESSTANCE OF SCREWED DOINT CONNECTING SOLID WOOD AND STEEL PLATE  STRUCTURE STRUCTURE OF STEEL AND STRUCTURE OF SCREWED DOINT CONNECTING SOLID WOOD AND STEEL PLATE  PREDICTION OF WITHDRAWAL STRIPPESS OF SELF-TAPPING SCREWS  REAL HANDS OF MORTISE-TERON JOINT SERIOR REDICTION OF CLI JOINTS  CYCLE BEHAVIOR OF MORTISE-TERON JOINT SERIOR REDICTION OF WORKS AND SCREWS  MOSTURE AND ASSEMBLY HISTORY EFFECTS ON EMBEDMENT PROPERTIES OF STEEL PLATES  MOSTURE AND ASSEMBLY HISTORY FEFECTS ON EMBEDMENT PROPERTIES OF STEEL DOWELS IN SPRUCE AND BIRCH  DEPREMENTAL AND MURRIAGICA ANALYSIS OF A CONNECTION OF RELL STEEL PLATES  ROBJERMENT AND MURRIAGICA ANALYSIS OF A CONNECTION OF RELL STEEL
509   Bettins Franke	Franke Kakehashi Ogawa Woods Niederwestberg Ding Niederwestberg Vin Schweigler Biomeyokt Biomeyokt Biomeyokt Biomeyokt Biomeyokt Biomeyokt Sinder Sin	Bettrina Naoòl Ketta Donhus Jan Yewe Tanxina Jan McMase Tanxina Ketta McMase Les Les McMase Les Les Masaki Zhenyuo Lus Hasi Hasi Hasi Hasi Hasi Hasi Hasi Has	Sustainability and Environmental Impact Sustainability and Environmental Impact Timber Engineering	2.7 Building operation & maintenance 2.7 Building operation & maintenance 3.1 Connections	Cuality assurance of limber structures by new monitoring methods for the moisture content of wood  Current status of minierance of historicar on of in Shioko.  EFFECT OF RESIM IMPREGMATION NTO WOOD CELL ON LATERAR RESISTANCE OF SCREWED JOINT CONNECTING SOLID WOOD AND STEEL PLATE  STURLING PRINTING AND ASSESSMENT OF SELF-TAPPING SCREWS  PREDICTION OF WITHDRAWAL STRIPMES OF SELF-TAPPING SCREWS  ANN ARSON MONOTONIC LOADONIS BERLING ON CELT JOINTS  CYCLE BEHAVING OF MORTISE-TERON JOINTS REND FOR WOOD SELF-TAPPING SCREWS  ANN ARSON MONOTONIC LOADONIS BEHAVING PREDICTION OF CELT JOINTS  CYCLE BEHAVING OF MORTISE-TERON JOINTS REND FOR WORKS AND SCREWS AND SELF-TAPPING SCREWS  MOSTULIA AND ASSEMBLY HISTORY PETECTS ON EMBERGMENT PROPRIETIES OF STEEL DOVES IN SPRUCE AND SRICH  MOSTULIA AND ASSEMBLY HISTORY PETECTS ON EMBERGMENT PROPRIETIES OF STEEL DOVES IN SPRUCE AND BRICH  DEPENDANCIAL AND AND MORE AND ASSEMBLY AND SCREWS AND STRUCK AND STRUCK AND SERVICE AND SRICH  SEPTIMENT AND ASSEMBLY HISTORY SERVICE AND SERVICE AND SRICH DOVES AND SCREWS AND SERVICE AND SRICH DOVES AND SCREWS AND SCREWS AND SERVICE AND SRICH DOVES AND SCREWS AND
509   Settins Franke	Franke Kakehabi Ogawa Woods Niederwestberg Ding Yin Malo Schweiger Blomqvist Zhang Bauchfolz Baird Maeda Li Verman Stamatopoulos	Bettina Naoki Ketta Doshhua Jan Yewel Tianxiao Sjell Arne Michael Lars Lei Lea Zoe Mussaki Zhengxao	Sustainability and Environmental Impact Sustainability and Environmental Impact Timber Engineering	2.7 Building operation & maintenance 2.7 Building operation & maintenance 3.1 Connections	Cuality assurance of limber structures by new monitoring methods for the moisture content of wood Current status of minierance of hatbacter or of is Shiokou.  EFFECT OF RESM IMPREGMATION INTO WOOD CELL ON LATERAL RESSTANCE OF SCREWED JOINT CONNECTING SOLID WOOD AND STEEL PLATE  STRUCTURE STRUCTURE OF STRUCTURE OF SCREWED JOINT CONNECTING SOLID WOOD AND STEEL PLATE  PREDICTION OF WITHDRAWAL STRIPPESS OF SELF-TAPPING SCREWS  RESMANDED OF MORTISS-TERON JOINTS REINFORCED BY SELF-TAPPING SCREWS  WITHDRAWAL STRUCTURE SOLID RESPONSITION OF SELF-TAPPING SCREWS  WORKLING HOUSE AND ASSEMBLY HISTORY SERFECTS ON EMBEDMENT PROPRESTED OF SELF-TAPPING SCREWS  MOSTURE AND ASSEMBLY HISTORY SERFECTS ON EMBEDMENT PROPRESTED OF SELF-TAPPING SCREWS  SUBJEMENTAL AND NUMBERICAL ANALYSES OF A CONNECTION OF RELIT STRUCTURES  PROPRIED OF SELF-TAPPING SCREWS OF SEL
509   Settins Franke	Franke Kakehashi Ogawa Woods Unods Woods W	Bettria Naoò Keta Joshus Jan Terrota Jan Terrota Terrota Lars Lars Lars Las Las Las Las Las Las Las Las Las La	Sustainability and Environmental Impact Sustainability and Environmental Impact Timber Engineering	2.7 Building operation & maintenance 2.7 Building operation & maintenance 3.1 Connections	Cuality assurance of limber structures by new monitoring methods for the moisture content of wood  Current status or miniercense of historic roofs in Shiokou.  EFFECT OF RESM IMPREGNATION INTO WOOD CELL ON LATERAL RESSTANCE OF SCREWED JOINT CONNECTING SOLID WOOD AND STEEL PLATE  STRUCTURE JOINT CONTROL OF STRUCTURES AND
509	Franke Kakehashi Ogewa Woods Niederwestberg Ding Yen Schweigler Blomqvok Zhang Gard Wald Wald Wald Wald Wald Wald Wald Wal	Bettrina Nasoli Kesta Johnson Jan Vewes Tanxiao Jan Tanxiao Jan Tanxiao Sigell Ame Michael Luss Let An Jan Michael Luss Let An Michael Luss An	Sustainability and Environmental Impact Sustainability and Environmental Impact Timber Engineering	2.7 Building operation & maintenance 2.7 Building operation & maintenance 3.1 Connections	Cuality assurance of limber structures by new monitoring methods for the moisture content of wood  Current status of minieranesce of structure for oils in Sikolous  EFFECT OR RESM IMPREGMATION INTO WOOD CELL ON LATERAL RESSTANCE OF SCREWED JOINT CONNECTING SOLID WOOD AND STEEL PLATE  STRUCTURE performance of juliant interior settle brace connections reinforced with self-tapping screws  PREDICTION OF WITHDRAWAL STEPPINGS SCREWS  ANN ASSED MONOTION LICANING RESHAUNDED RESDECTION OF CELT JOINTS  CYCLE RESHAUNDS OF MORTISE-TERON JOINTS REINFORCED BY SELF-TAPPING SCREWS  ANN ASSED MONOTION LICANING RESHAUNDED RESDECTION OF DIVISION SCREWS  MOISTURE AND ASSEMBLY HISTORY SEPECTS ON EMBEDMENT PROPERTIES OF STEEL DOWELS IN SPRUCE AND BIRCH  DEPREMENTAL AND NUMBERCAL ANALYSIS OF A CONNECTION FOR CELT STEEL STEEL DOWELS IN SPRUCE AND BIRCH  DEPREMENTAL AND NUMBERCAL ANALYSIS OF A CONNECTION FOR CELT STEEL STEE
509   Settins Franke	Franke Kakehashi Ogawa Woods Ungewa Woods Niederwestberg Unge Niederwestberg Niederwestberg Niederwestberg Schweigler Blomqvest Zhang Buchholz Bard Maeda U Vernanan ogoulos Laker Mascoor Aarinovic Em Des sants	Bettria Naolo Keta Johnson Johnson Jan Theroton	Sustainability and Environmental Impact Sustainability and Environmental Impact Timber Engineering	2.7 Building operation & maintenance 2.7 Building operation & maintenance 3.1 Connections	Cuality assurance of limber structures by new monitoring methods for the moisture content of wood  Current status or miniercense of historic roofs in Shiokou.  EFFECT OF RESM IMPREGNATION NTO WOOD CELL ON LATERAL RESSTANCE OF SCREWED JOINT CONNECTING SOLID WOOD AND STEEL PLATE  STRUCTURE OF STEEL PLATE  PREDICTION OF WITHORAWAY, STRINGS OF SELF-APPING SCREWS  RESMANDED OF MOST TO TRANSLATION LOADING SERVING PROCESSOR OF SELF-APPING SCREWS  RESMANDED OF MOST TO TRANSLATION CONTROL OF SELF-APPING SCREWS  RESMANDED OF MOST TO TRANSLATION CONTROL OF SELF-APPING SCREWS  RESMANDED OF MOST TO TRANSLATION CONTROL OF SELF-APPING SCREWS  RESMANDED OF MOST TO TRANSLATION CONTROL OF SELF-APPING SCREWS  RESMANDED OF MOST TO TRANSLATION CONTROL OF SELF-APPING SCREWS  RESMANDED OF MOST TO TRANSLATION CONTROL OF SELF-APPING SCREWS  RESMANDED OF MOST TO TRANSLATION CONTROL OF SELF-APPING SCREWS  RESMANDED OF MOST TO TRANSLATION CONTROL OF SELF-APPING SCREWS  RESMANDED OF MOST TO TRANSLATION CONTROL OF SELF-APPING SCREWS  RESMANDED OF MOST TO TRANSLATION CONTROL OF SELF-APPING SCREWS AND
509   Bettins Franke	Franke Kakehashi Ogawa Woods Niederwestberg Ding Yin Malor Schweigler Blomqviot Zhang Goutholt Zhang Goutholt Zhang Schweigler Storender Storender Storender Allender De Santis	Bettrina Nasoli Eesta Johnshu Jan Vewei Tlanxiao Jan Tlanxiao Sjell Ame Michael Lars Lef Les	Sustainability and Environmental Impact Sustainability and Environmental Impact Timber Engineering	2.7 Building operation & maintenance 2.7 Building operation & maintenance 3.1 Connections	Cuality assurance of limber structures by new monitoring methods for the moisture content of wood  Current status of minieranesce of structure for ohis in Skinkow    EFFECT OR RESM IMPREGMATION INTO WOOD CELL ON LATERAL RESSTANCE OF SCREWED LOINT CONNECTING SOLID WOOD AND STEEL PLATE  STRUCTURE STRUCTURE OF STEEL STRUCTURES OF SELF-TAPPING SCREWS    BINN ASSED MONOTOMIC LOADING RESHAURDY REPORTED OR CELT JOINTS    CYCLE BEHAVIOR OF WORTH-SEARCH SCREWS    BINN ASSED MONOTOMIC LOADING RESHAURDY REPORTED OR CELT JOINTS    CYCLE BEHAVIOR OF WORTH-SEARCH SCREWS    BINN ASSED MONOTOMIC LOADING RESHAURDY REPORTED OR CELT JOINTS    CYCLE BEHAVIOR OF WORTH-SEARCH SCREWS    MOSTURE AND ASSEMBLY HISTORY EFFECTS ON EMBEDIATED FOR SELF-TAPPING SCREWS    MOSTURE AND ASSEMBLY HISTORY EFFECTS ON EMBEDMENT PROPERTIES OF STEEL DOWELS IN SPRUCE AND BIRCH    DEPREMENTAL AND NUMBERCAL ANALYSIS OF A CONNECTION FOR CELT STRUCTURES    ROBUSTICES OF ADMINISTRATION OF THE STRUCTURE OF SELF-TAPPING SCREWS    ROBUSTICES OF ADMINISTRATION OF THE STRUCTURE OF SELF-TAPPING SCREWS    SOUTH SELF-TAPPING STRUCTURE OF THE STRUCTURE OF THE STRUCTURE OF THE STRUCTURE STRUCTU
509	Franke Kaleshashi Ogawa Woods Niederwestberg Ding Yin Matol Blomqvist Zhang Blomqvist Zhang Buchholt Baird Weedd Lu	Bettrina Nakol Keita Donbuha Jan Yewe Tanxiao Sjell Ame Michael Lars Lei Les	Sustainability and Environmental Impact Sustainability and Environmental Impact Timber Engineering	2.7 Building operation & maintenance 2.7 Building operation & maintenance 3.1 Connections	Cuality assurance of limber structures by new monitoring methods for the moisture content of wood  Current status of minieranesce of structure for oils in Shiokow.   EFFECT OR RESM IMPREGMATION INTO WOOD CELL ON LATERAL RESSTANCE OF SCREWED IONY COMPACTION CONNECTING SOLID WOOD AND STEEL PLATE.  STRUCTURE STRUCTURE OF STEEL STRUCTURE OF SCREWED INTO TECHNICATION CONTROL OF STRUCTURE OF SCREWED INTO THE WOOD AND STEEL PLATE.  PREDICTION OF WITHORAWAL STIFFNESS OF SELF-TAPPING SCREWS.  BINN-BASED MONOTOMIC LOADING RESHAURD REPORT OF OCT JOINTS  CYCLE BEHAVIOR OF MORTISE-TERON JOINTS REINFORCED BY SELF-TAPPING SCREWS.  MOSTURE AND ASSEMBLY HISTORY EFFECTS ON EMBERGMENT PROPERTIES OF STEEL DOWELS IN SPRUCE AND BIRCH  DEPREMENTAL AND MUNIBRICAL ANALYSIS OF A CONNECTION OF OCT STRUCTURES.  MOSTURE AND ASSEMBLY HISTORY EFFECTS ON EMBERGMENT PROPERTIES OF STEEL DOWELS IN SPRUCE AND BIRCH  DEPREMENTAL AND MUNIBRICAL ANALYSIS OF A CONNECTION OF OCT STRUCTURES.  ROBUSTICUS OF A SHARP WITHOUT OF STEEL STE
509	Franke Kakehabil Ogawa Woods Niederwestberg Ding Woods Niederwestberg Ding Who Same	Bestrina Nasoli Kesta Nasoli Kesta Johnshu Jan Vewer Taminiao Jan Vewer Taminiao Jan Vewer Taminiao Jan Vewer Les	Sustainability and Environmental Impact Sustainability and Environmental Impact Timber Engineering	2.7 Building operation & maintenance 2.7 Building operation & maintenance 3.1 Connections	Cuality assurance of limber structures by new monitoring methods for the moisture content of wood  Current status of minierance of historicary on sin Shickows  DIFFECT OF RSSM IMPREGNATION NTO WOOD CELL ON LATERAL RESSTANCE OF SCREWD JOINT CONNECTING SOLID WOOD AND STEEL PLATE  STURLING FOR RSSM IMPREGNATION NTO WOOD CELL ON LATERAL RESSTANCE OF SCREWD JOINT CONNECTING SOLID WOOD AND STEEL PLATE  PREDICTION OF WITHORAWAL STEPHINGS OF SELF-TAPPING SCREWS  RINA RASED MONOTONIC LICARING SERVATION REPORT OF OR CIT JOINTS  CYCLE BEHAVIOR OF MONTHS: TENDOR JOINTS REINDORGED BY SELF-TAPPING SCREWS  RINA RASED MONOTONIC LICARING SERVATION REPORT OF OR SELF-TAPPING SCREWS  SERVICEABILITY STRIPES SOR THATES CONNECTIONS WITH DOWNESS AND SCREYD BY SELF LATES  WOOD STATES AND SCREW AND SCREWS AND SCREYD BY SELF LATES  WOOD SCREWD AND SCREW AND SCREWS AND SCRE
509	Franke Kakehashi Ogawa Woods Niederwestberg Ding Yin Matol Biomyokt Zhang Biomyokt Zhang Biomholt Baird Akedol Samman Verman Verman Verman Stamman Verman Verman Ureman Verman Ureman Verman Verman Ureman Ur	Bettrina Nakol Keita Donbuha Jan Yewe Tanxiao Jan Yewe Tanxiao Sjell Ame Michael Lars Lei Les Zoe Michael Lors Lors Lors Lors Lors Lors Lors Lors	Sustainability and Environmental Impact Sustainability and Environmental Impact Timber Engineering	2.7 Building operation & maintenance 2.7 Building operation & maintenance 3.1 Connections	Cuality savarance of limber structures by new monitoring methods for the moisture content of wood  Current status of minieranesce of structure for oils in Shiokow.   EFFECT OR RESM IMPREGMATION INTO WOOD CELL ON LATERAL RESSTANCE OF SCREWED IONN CONNECTING SOLID WOOD AND STEEL PLATE.  STRUCTURE STRUCTURE OF STEEL STRUCTURES OF SCREWED IONN CONNECTING SOLID WOOD AND STEEL PLATE.  PREDICTION OF WITHDRAWAL STRIPPESS OF SELF-TAPPING SCREWS.  BINN HANGEST MONOTION LICANING RESHOUND OR COLT JOINTS.  CYCLE BEHAVIOR OF WORTH-SE-TROND JOINTS REINFORCED BY SELF-TAPPING SCREWS.  BINN HANGEST MONOTION LICANING RESHOUND FOR SELF-TAPPING SCREWS.  MOSTURE AND ASSEMBLY HISTORY EFFECTS ON EMBERGMENT PROPRETIES OF STEEL DOWELS IN SPRUCE AND BIRCH  DEPREMENTAL AND NUMBERGAL ANALYSIS OF A CONNECTION FOR CLET STRUCTURES.  MOSTURE AND ASSEMBLY HISTORY EFFECTS ON EMBERGMENT PROPRETIES OF STEEL DOWELS IN SPRUCE AND BIRCH  EXPERIMENTAL HOUND WINDRICAL ANALYSIS OF A CONNECTION FOR CLET STRUCTURES.  DEPREMENTAL HOUND WINDRICAL ANALYSIS OF A CONNECTION OF CLET STRUCTURES.  EXPERIMENTAL HOUND WINDRICAL ANALYSIS OF A CONNECTION WITH INTERNAL STEEL PLATES.  EXPERIMENTAL HOUND WINDRICAL ANALYSIS OF A CONNECTION WITH INTERNAL STRUCTURES.  EXPERIMENTAL HOUND WINDRICAL ANALYSIS OF A CONNECTION WITH INTERNAL STRUCTURES.  EXPERIMENTAL HOUND WINDRICAL ANALYSIS OF A CONNECTION WITH INTERNAL STRUCTURES.  EXPERIMENTAL WINDRICAL STRUCTURES OF A CONNECTION WITH INTERNAL STRUCTURES.  EXPERIMENTAL WINDRICAL STRUCTURES OF A CONNECTION WITH INTERNAL STRUCTURES.  EXPERIMENTAL WINDRICAL STRUCTURES AND WINDRICAL STRUCTURES.  EXPERIMENTAL WINDRICAL STRUCTURES AND WINDRICAL STRUCTURES.  EXPERIMENTAL STRUCTURES ASSECT SO OF MONITOR HISTORY STRUCTURES STRUCTURES AND WINDRICAL STRUCTURES.  EXPERIMENTAL STRUCTURES ASSECT SO OF MONITOR HISTORY STRUCTURES AND WINDRICAL STRUCTURES.  EXPERIMENTAL STRUCTURES ASSECT SO OF MONITOR HISTORY STRUCTURES AND WINDRICAL STRUCTURES.  EXPERIMENTAL STRUCTURES ASSECT SO OF MONITOR HISTORY STRUCTURES AND WINDRICAL STRUCTURES AND WINDR
509   Settins Franke	Franke Kakehabil Ogawa Woods Woods Niederwestberg Ding Woods Niederwestberg Sinderwestberg Woods Sinderwestberg	Bestrina Nasoli Kesta Nasoli Kesta Johnshu Jan Vewer Taminiao Jan Vewer Taminiao Jan Vewer Taminiao Jan Vewer Les	Sustainability and Environmental Impact Sustainability and Environmental Impact Timber Engineering	2.7 Building operation & maintenance 2.7 Building operation & maintenance 3.1 Connections	Cultured status of minier structures by new monitoring methods for the moisture content of wood  Current status of minieraneae of historicary on sin Shiokow  DIFFECT OF RESIM IMPREGMATION INTO WOOD CELL ON LATERAR RESISTANCE OF SCREWED JOINT CONNECTING SOLID WOOD AND STEEL PLATE  STURLING FOR STANLING STRUCKS OF SELF-TAPPING SCREWS  PREDICTION OF WITHDRAWAL STRIPPESS OF SELF-TAPPING SCREWS  ANN ASSED MONOTONIC LOADING BEHAVIOR PREDICTION OF CUT JOINTS  CYCLE BEHAVIOR OF MORTISE-TERON JOINTS REINFORCED BY SELF-TAPPING SCREWS  ANN ASSED MONOTONIC LOADING BEHAVIOR PREDICTION OF CUT JOINTS  CYCLE BEHAVIOR OF MORTISE-TERON JOINTS REINFORCED BY SELF-TAPPING SCREWS  MOSTULIA AND ASSEMBLY HISTORY SERFECTS ON EMBERGANCE BY SELF-TAPPING SCREWS  MOSTULIA AND ASSEMBLY HISTORY SERVED SCREWS AND ASSEMBLY AS
509	Franke Kakehashi Ogawa Woods Ogawa Woods Niederwestberg Ding Schweigler Biomeyout Biom	Bettrina Nasoli Kesta Johnson Johnson Jan Vewer Tamxina Jan Vewer Tamxina Jan McChael Lars Lars Lars Lars Lars Lars Lars Lars	Sustainability and Environmental Impact Sustainability and Environmental Impact Timber Engineering	2.7 Building operation & maintenance 2.7 Building operation & maintenance 3.1 Connections	Cuality assurance of limber structures by new monitoring methods for the moisture content of wood  Current status of minieranse of historicary on sin Skinkow    EFFECT OF RESM IMPREGMATION INTO WOOD CELL ON LATERAR RESSETANCE OF SCREWED IN NY CONTROL CONNECTIONS SOLID WOOD AND STEEL PLATE  STURLING FOR STEEL AND STEEL STEE
509   Settins Franke	Franke Kakehashi Ogawa Woods  Woods  Niederwestberg  Dring  Medorwestberg  Medorwestberg  Medorwestberg  Medorwestberg  Medorwestberg  Medorwestberg  Medor  Merona	Bettria Naola Keta Johnson Johnson Jan Therotore Therotore Michael Lars Les Les Les Les Les Les Les Les Les Le	Sustainability and Environmental Impact Sustainability and Environmental Impact Timber Engineering	2.7 Building operation & maintenance 2.7 Building operation & maintenance 3.1 Connections	Custing status of ministerature by new monitoring methods for the moisture content of wood  Current status of ministerance of historic roofs in Shidows    EFFECT OF RESM IMPREGNATION NTO WOOD CELL ON LATERAL RESSETANCE OF SCREWED JOINT CONNECTING SOLID WOOD AND STEEL PLATE  STOCKLED FOR STEEL
509         Bettins Franke           150         Nack Exthealth           23         Ketta Ogawa           24         Boshua Wroods           39         Jan Niederwestlerg           47         Yewe Ding           55         Tamislao Yn           56         Kjell Arin Mellon           32         Michael Schweigler           34         Michael Schweigler           35         Les Dang           36         Les Dang           37         Les Dang           38         Michael Schweigler           39         Les Dang           40         Les Dang           41         Johannes Huber           421         Johannes Huber           242         Mohammand Maroor           243         Johannes Huber           244         Mohammand Maroor           265         Keroho Kim           262         Yuri De Santis           270         Jesep Kimelpaud Hansen           272         Jes Kuil           33         John Schelp Huber           340         Dio Lins           341         Dio Lins           342         Blocardor Salenikovich	Franke Kakehashi Ogawa Woods Ogawa Woods Niederwestberg Ding Vin Mato Schweigler Biomeyout Biome	Bettrina Nasoli Kesta Doshusu Jan Vewed Tanxilian Jan Vewed Tanxilian Jan McAbael Lars Les Les Les Les Les Les Les Les Les Le	Sustainability and Environmental Impact Sustainability and Environmental Impact Timber Engineering	2.7 Building operation & maintenance 2.7 Building operation & maintenance 3.1 Connections	Cuerted states of miner structures by new monitoring methods for the moisture content of wood  Current states of minieraneance of states for on on is billions  (Current states of minieraneance of states for on on is billions)  EFFECT OF RESM IMPREGNATION INTO WOOD CELL ON LATERAR RESSETANCE OF SCREWED IN INTO COMPACTIONS SOLID WOOD AND STEEL PLATE  STRUCTURE STATES OF STATES AND STEEL STATES OF SELF-LAPPING SCREWS  BIN ASSED MONOTOMIC LOADING SERVINORY PREDICTION OF CUT JOINTS  CYCLE SERVINOR OF WORTHOR STRENDS OF SELF-LAPPING SCREWS  BIN ASSED MONOTOMIC LOADING SERVINORY PREDICTION OF CUT JOINTS  CYCLE SERVINORY OF MORTISE TERMON JOINTS REINFORCED BY SELF-LAPPING SCREWS  MOSTULIA AND ASSEMBLY HISTORY SERVINORY OF SELF-LAPPING SCREWS  MOSTULIA AND ASSEMBLY HISTORY SERVINORY OF CUT JOINTS  ROBERT OF THE SERVINORY OF MORTISE SERVINORY OF CUT JOINTS  ROBERT OF THE SERVINORY OF THE SERVINORY OF CUT JOINTS  ROBERT OF THE SERVINORY OF MORTISE SERVINORY OF CUT JOINTS  MOSTULIA AND ASSEMBLY HISTORY SERVINORY OF CUT JOINTS  ROBERT OF THE SERVINORY OF THE SERVINORY OF CUT JOINTS SERVINORY OF CUT JOINTS  ROBERT OF THE SERVINORY OF THE SERVINORY OF CUT JOINTS OF THE PLATES  MOSTULIA AND ASSEMBLY HISTORY SERVINORY OF CUT JOINTS  ROBERT OF THE SERVINORY OF THE SERVINORY OF CUT JOINTS OF THE PLATES  ROBERT OF THE SERVINORY OF THE SERVINORY OF CUT JOINTS OF THE PLATES  ROBERT OF THE SERVINORY OF THE SERVINORY OF CUT JOINTS OF THE PLATES  ROBERT OF THE SERVINORY OF THE SERVINORY OF CUT JOINTS OF THE SERVINORY O
509	Franke Kakehashi Ogawa Woods  Woods  Niederwestberg  Dring  Medorwestberg  Medorwestberg  Medorwestberg  Medorwestberg  Medorwestberg  Medorwestberg  Medor  Merona	Bettria Naola Keta Johnson Johnson Jan Therotore Therotore Michael Lars Les Les Les Les Les Les Les Les Les Le	Sustainability and Environmental Impact Sustainability and Environmental Impact Timber Engineering	2.7 Building operation & maintenance 2.7 Building operation & maintenance 3.1 Connections	Custing status of ministeratures by new monitoring methods for the moisture content of wood  Current status of ministerance of historic roofs in Shiokou  EFFECT OF RESM IMPREGNATION NTO WOOD CELL ON LATERAL RESSETANCE OF SCREWED JOINT CONNECTING SOLID WOOD AND STEEL PLATE  STOCKLING FOR STEEN IMPREGNATION NTO WOOD CELL ON LATERAL RESSETANCE OF SCREWED JOINT CONNECTING SOLID WOOD AND STEEL PLATE  PREDICTION OF WITHORAWAL STRINESS OF SELT-APPRIS SCREWS  REN MAGIO DE WOODS THE STRINESS OF SELT-APPRIS SCREWS  REN MAGIO DE WOODS THE STRINESS OF SELT-APPRIS SCREWS  REN MAGIO DE WOODS THE SOLID JOINT SERVINGEO BY SELL PLAPPRIS SCREWS  CYCLE SERVING OF MORE STRINESS OF SELT-APPRIS SCREWS  REN MAGIO DE WOODS THOOL LOADING SERVINGEO BY SELL PLAPPRIS SCREWS  CYCLE SERVING OF MORE STRINESS THOOL JOINT SERVINGEO BY SELL PLAPPRIS SCREWS  CYCLE SERVING OF MORE STRINESS THOOL JOINT SERVINGEO BY SELL PLAPPRIS SCREWS  CYCLE SERVINGE THOOL JOINT SERVINGEO BY SELL PLAPPRIS SCREWS  CYCLE SERVINGE THOOL JOINT SERVINGEO BY SELL PLAPPRIS SCREWS  CYCLE SERVINGE THOOL JOINT SERVINGE SERVINGEO BY SERVINGE SCREWS  CONTROLLED BY SERVINGE S
509	Franke Kakehabil Ogawa Vicods Ogawa Woods Niederwestberg Oling Vin Uno Schweigler Schwei	Bestrina Nasola Kesta Nasola Kesta Johnshu Jan Yewel Timenialo Sejel Aime Sejel Aime Les Les Les Les Les Les Les Les Les Le	Sustainability and Environmental Impact Sustainability and Environmental Impact Timber Engineering	2.7 Building operation & maintenance 2.7 Building operation & maintenance 3.1 Connections	Cuality assurance of limber structures by new monitoring methods for the moisture content of wood  Current status or minierance of historicar of sin Shiokou  DEFECT OR RISM IMPREGNATION NTO WOOD CELL ON LATERAL RESSETANCE OF SCREWD JOINT COMMECTING SOLID WOOD AND STEEL PLATE  STRUCTURE OF STEM IMPREGNATION NTO WOOD CELL ON LATERAL RESSETANCE OF SCREWD JOINT COMMECTING SOLID WOOD AND STEEL PLATE  PREDICTION OF WITHDRAWAL STEPPINGS OF SELF-TAPPING SCREWS  BIN HAAGDD WOON/TOOK LICANING BEHAVIOR PREDICTION OF CELL TOOK SCREWS  SIN HAAGDD WOOD LOOK LOOKING SELFANOW PREDICTION OF CELL TOOK SCREWS  SIN HAAGDD WOOD LOOKING SELFANOW PREDICTION OF CELL TOOK SCREWS  SIN HAAGDD WOOD LOOKING SELFANOW PREDICTION OF CELL TOOK SCREWS  SIN HAAGDD WOOD LOOKING SELFANOW PREDICTION OF CELL TOOK SCREWS  SIN HAAGDD WOOD LOOK LOOKING SELFANOW PREDICTION OF CELL TOOK SCREWS  SIN HAAGDD WOOD LOOK LOOKING SELFANOW PREDICTION OF CELL TOOK SCREWS  SIN HAAGDD WOOD LOOK HAD SCREW SCREWS AND SCREWS SELFANOW PREDICTION OF CELL TOOK SCREWS AND SCREWS  SOURCEARBUTH STRUCKS SON THROUGH SON SELFANOW PREDICTION OF CELL TOOK SCREWS AND SCREWS
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700 Keliji Kubayasili		Kenji	Timber Engineering	3.1 Connections	MEASUREMENT OF AXIAL FORCE OF SCREWS FOR SPLIT REINFORCEMENT AT TIMBER-STEEL-TIMBER DOWEL JOINT
701 Kai Simon	Simon	Kai	Timber Engineering	3.1 Connections	Rigid glulam joints to concrete abutments with glued-in and cast steel rods
704 Tianxiang Wang	Wang	Tianxiang	Timber Engineering	3.1 Connections	GLULIAM FRAMISS ADMISSIVELY BONDED BY MEANS OF BIRCH PLYWOOD PLATES: PRELIMINARY INVESTIGATIONS  ADMISSIVELY ADMISSIVELY BONDED BY MEANS OF BIRCH PLYWOOD PLATES: PRELIMINARY INVESTIGATIONS  ADMISSIVELY BONDED BY MEANS OF BIRCH PLYWOOD PLATES: PRELIMINARY INVESTIGATIONS
727 Jorge Branco 775 Katrin Vögele	Branco Võrrele	Jorge Katrin	Timber Engineering Timber Engineering	3.1 Connections 3.1 Connections	PROTOCOLS FOR CYCLIC TESTS OF TIMBER JOINTS. A DISCUSSION STRUCTURAL CHARACTERISTICS AND EFFORMATION BEHAVIOUR OF AN ADVANCED CARPENTRY CONNECTION IN TIMBER CONSTRUCTION
7/5 Katrin vogele 780 Elena Perria	Võgele Perria	Elena	Timber Engineering	3.1 Connections 3.1 Connections	STRUCTIONAL CHARACLERISTICS AND DEPORTMATION BEHAVIOUR OF AN ADVISABLE DESPETABLE OF THE CONSTRUCTION IN IMPRECIONS REPORT OF THE CONSTRUCTION WITH WOODEN WEDGED OWNERS. AND LET ENSILE AND SHEET AND SHEET OF THE CONSTRUCTION WITH WOODEN WEDGED OWNERS. AND LET ENSILE AND SHEET AND SHEET OF THE CONSTRUCTION WITH WOODEN WEDGED OWNERS. AND LET ENSILE AND SHEET OF THE CONSTRUCTION OF THE
826 Hafshah Salamah	Salamah	Hafshah	Timber Engineering	3.1 Connections	INVESTIGATION OF STRUCTURE BEHAVIOR OF WOODEN TRADITIONAL JOINTS BY FINITE ELEMENT MODELING
75 Sivert Lie	Lie	Sivert	Timber Engineering	3.10 Circular design for sustainability, altered use, and reuse of buildings & components	SEISMIC ANALYSIS OF A MULTI-STORY TIMBER-CONCRETE BUILDING AND DESIGNING FOR REUSE
167 Hiroaki Kubotera	Kubotera	Hiroaki	Timber Engineering	3.10 Circular design for sustainability, altered use, and reuse of buildings & components	Development of Temporary Structure Using CLT Panel Invention of Construction and Verification by Construction Experiment
193 Ylva Sandin	Sandin	Yiva	Timber Engineering	3.10 Circular design for sustainability, altered use, and reuse of buildings & components	HOW TIMBER BUILDINGS CAN BE DESIGNED FOR DECONSTRUNCTION AND REUSE — IN ACCORDANCE WITH ISO 20887
214 Alfredo Romero	Romero	Alfredo	Timber Engineering	3.10 Circular design for sustainability, altered use, and reuse of buildings & components	PUSH-OUT TESTS ON CONNECTIONS FOR DEMOUNTABLE AND REUSABLE STEEL-TIMBER COMPOSITE BEAM AND FLOORING SYSTEMS
231 Benjamin Kromoser	Reinholz	Bernhard Mohammad	Timber Engineering	3.10 Circular design for sustainability, altered use, and reuse of buildings & components	3DP Biowall - Circular Economy in Wood Construction through Additive Manufacturing of Fully Recycable Walls
232 Mohammad Derikvand	Derikvand		Timber Engineering	3.10 Circular design for sustainability, altered use, and reuse of buildings & components	Structural performance of a deconstructable CLT-concrete composite floor element with pre-existing concrete cracks
296 Namhyuck Ahn 370 Xavier Estrella	Ahn Estrella	Namhyuck Xavier	Timber Engineering Timber Engineering	3.10 Circular design for sustainability, altered use, and reuse of buildings & components     3.10 Circular design for sustainability, altered use, and reuse of buildings & components	ENVISIONING MASS TIMBER BUILDINGS FOR GROULARITY: LIF CYCE ASSESSMENT OF A MASS TIMBER BUILDING WITH DIFFERENT END-OF-LIFE (EQ.) AND POST-EOL OPTIONS TOWARDS GROULAR ECONOMY IN THE CONSTRUCTION INDUSTRY: A REQUARLE TIMBER SHAD—AND-COLUMN SYSTEM FOR BUILDING WITHOUT LIFE.    Continued of the Continued of the Construction industry is a recurrence of the Continued
378 Daniel F. Llana	Fernandez Llana	Daniel	Timber Engineering	3.10 Circular design for sustainability, altered use, and reuse of buildings & components	ENGINEERED WOOD PRODUCTS MANUFACTURED FROM RECLAIMED HARDWOOD TIMBER
486 Jonas Warmuth	Warmuth	Jonas	Timber Engineering	3.10 Circular design for sustainability, altered use, and reuse of buildings & components	REUSE OF LOAD-BEARING TIMBER ELEMENTS – CASE STUDY OF A LOOKOUT TOWER IN LAUSANNE, SWITZERLAND
500 Tuomo Poutanen	Poutanen	Tuomo	Timber Engineering	3.10 Circular design for sustainability, altered use, and reuse of buildings & components	GLUED TIMBER TRUSSES
605 Maxence Lebossé	Lebossé	Maxence	Timber Engineering	3.10 Circular design for sustainability, altered use, and reuse of buildings & components	VALUES OF RECLAIMED TIMBER
623 Patrick McGetrick	McGetrick	Patrick	Timber Engineering	3.10 Circular design for sustainability, altered use, and reuse of buildings & components	CHALLENGES IN THE DESIGN OF A MODULAR MULTI-STOREY CLT BUILDING USING IRISH TIMBER
644 Ute Groba 672 Esther Vandamme	Groba Vandamme	Ute Esther	Timber Engineering	3.10 Circular design for sustainability, altered use, and reuse of buildings & components	Re-Source Pavilion – Exploring the Circular Use of Wooden Building Materials
683 Marcin Luczkowski	Luczkowski	Marcin	Timber Engineering	3.10 Circular design for sustainability, altered use, and reuse of buildings & components 3.10 Circular design for sustainability, altered use, and reuse of buildings & components	Adaptability in multi-storey timber buildings: towards differentiated durability layers in architecture PROPOSAL OR INTERACTIVE WORKFOLOW POR GIRCULTURE DESIGN PROPOSAL OR INTERACTIVE WORKFOLOW POR GIRCULTURE
479 David Glasner	Glasner	David	Timber Engineering Timber Engineering	3.10 Circular design for suscandability, artered use, and reuse or buildings & components 3.11 RILEM TC TPT	FRONT USE OF INTERNALTIVE WORKING IN OF SET-TAPPING TIMBER SCREWS AND ITS APPLICABILITY  ENERGY DEMAND FOR THE DRIVING IN OF SET-TAPPING TIMBER SCREWS AND ITS APPLICABILITY
565 Michael Gstettner	Gstettner	Michael	Timber Engineering	3.11 RILEM TC TPT	Influence of the specimen preparation on the embedding strength of self-tapping screws
674 Caroline Dapieve Aquino	Dapieve Aquino	Caroline	Timber Engineering	3.11 RILEM TC TPT	INFLUENCE OF TEST METHODS ON THE PARALLEL TO GRAIN EMBEDMENT STRENGTH AND FOUNDATION MODULUS CHARACTERIZATION
687 Robert Jockwer	Jockwer	Robert	Timber Engineering	3.11 RILEM TC TPT	DEVELOPMENT OF COMPREHENSIVE TESTING PROCEDURES FOR HIGH-PERFORMANCE BONDED-IN RODS
66 Laura Hasburgh	Hasburgh	Laura	Timber Engineering	3.2 Fire engineering	Fire performance of penetrations in glulam beams: a preliminary study
93 Tatsuro Suzuki	Suzuki	Tatsuro	Timber Engineering	3.2 Fire engineering	EVALUATION METHOD OF MECHANICAL PROPERTIES WITH HEAT AND WATER TRANSFER ANALYSIS IN WOODEN MEMBERS EXPOSED TO FIRE HEATING
112 Samuel Zelinka 117 Shizuka Matsushita	Zelinka Matsushita	Samuel Shizuka	Timber Engineering Timber Engineering	3.2 Fire engineering 3.2 Fire engineering	HEAT DELAMINATION IN CROSS LAMINATED TIMBER: INTERMEDIATE SCALE TEST BASED UPON THE NORTH AMERICAN STANDARDS A NEW METHOD FOR MODELLING TEMPREPATURE WITHIN STEEL BAS - TIMBERS COMPOSTE BEAM USING DATA BY BURNING TEST
117 Shizuka Matsushita 127 Andreas Sæter Bøe	Matsushita Bøe	Andreas Sæter	Timber Engineering	3.2 Fire engineering 3.2 Fire engineering	A NEW METHOD FOR MODELLINE IZEMPERATURE WITHIN STEEL BRA - TIMBER COMPOSITE BEAM USING DATA BY BURNING TEST Travelling fires in compartments izemPerature with exposed cross-administed timber surfaces Travelling fires in compartments in exposed cross-administed timber surfaces
133 Diego Flores	Flores	Diego	Timber Engineering Timber Engineering	3.2 Fire engineering	Travening the striction training the striction of the property of the striction of the stri
196 Mathieu Létourneau-Gagnon	Letourneau Gagnon	Mathieu	Timber Engineering	3.2 Fire engineering	Numerical Modelling of Contemporary Mass Timber Connections in Fire
207 Shizuka Matsushita	Matsushita	Shizuka	Timber Engineering	3.2 Fire engineering	BURNING TEST OF STEEL BAR - TIMBER COMPOSITE BEAM
223 Christian Dagenais	Dagenais	Christian	Timber Engineering	3.2 Fire engineering	Advanced fire modelling in support to performance-based fire design of timber buildings
260 Tomoyo HOKIBARA	Hokibara	Tomoyo	Timber Engineering	3.2 Fire engineering	EFFECT OF THE SACRIFICIAL LAVER THICKNESS AND THE BARRIER LAVER TYPE ON SELF-EXTINGUISHING FOR WOODEN FIREPROOF-STRUCTURAL ELEMENTS
306 David Barber 323 Kathinka L. Friquin	Barber Friquin	David	Timber Engineering	3.2 Fire engineering	FIRE TESTING EXTERIOR CROSS-LAMINATED TIMBER WALLS TO NFPA 285 FIRE SAFETY OF MID-RISE BUILDINGS WITH LIGHT TIMBER STRUCTURES – STUDIES OF THE FIRE RESISTANCE OF A NOVEL CONSTRUCTION SYSTEM
323 Kathinka L Friquin 340 Cristian Maluk	Maluk	Kathinka Leikanger Cristian	Timber Engineering Timber Engineering	3.2 Fire engineering 3.2 Fire engineering	IRRE SAFELY OF MID-ROE BUILDINGS WITH LIGHT TIMBER'S TRUCTURES—STUDIES OF THE FIRE RESISTANCE OF A NOVEL CONSTRUCTION SYSTEM  EXPRORING THE INFLUENCE OF HEATING CONDITIONS IN THE CHARRING PROPILE OF BARE TIMBERS AND TIMBER PRECEDED WITH A THIN INTUMESCENT COATING  EXPRORING THE INFLUENCE OF HEATING CONDITIONS IN THE CHARRING PROPILE OF BARE TIMBERS AND TIMBER PRECEDED WITH A THIN INTUMESCENT COATING  TO SHOW THE PROPILE OF
372 Hirokatsu Kimura	Kimura	Hirokatsu	Timber Engineering	3.2 Fire engineering	EAFLORING THE INTERIOR CONTRIBUTE OF MODIFIED REPORTS OF MODIFIED
407 Martin Hagen	Hagen	Martin	Timber Engineering	3.2 Fire engineering	FIRE SAFETY ENGINEERING OF BUILDINGS WITH VISIBLE TIMBER CONSTRUCTIONS
436 Johannes A. J. Huber	Rodrigues	Quentin		3.2 Fire engineering	USING X-RAY COMPUTED TOMOGRAPHY TO MEASURE FIRE DEGRADATION OF A TIMBER CONNECTION
457 Harry Mitchell	Mitchell	Harry	Timber Engineering	3.2 Fire engineering	OBSERVATIONS OF SMOULDERING FIRE IN A LARGE TIMBER COMPARTMENT
474 Wenxuan Wu	Wu	Wenxuan	Timber Engineering	3.2 Fire engineering	EXPERIMENTAL INVESTIGATION OF THE RELATIONSHIP BETWEEN TIMBER SPECIES AND SMOULDERING
477 Andrea Lucherini	Lucherini	Andrea	Timber Engineering	3.2 Fire engineering	Predicting the effective char depth in timber elements exposed to natural fires, including the cooling phase
505 Muhammad Yasir 518 Adam Glew	Yasir	Muhammad Adam	Timber Engineering	3.2 Fire engineering	EXPERIMENTAL AND FINITE ELEMENT ANALYSIS OF IRISH STIKA SPRUCE CLT WALL PANELS UNDER EXPOSURE TO STANDARD FIRE CONDITIONS
526 Binsheng Zhang	Glew Zhang	Binsheng	Timber Engineering Timber Engineering	3.2 Fire engineering 3.2 Fire engineering	A design approach to external fire spread from buildings with exposed mass timber    MUMERICAL ANALYSS ON THE FERMING OF COMPOSITE STELL-TIMBER BEAMS UNDER FIRE CONDITIONS
578 Boris Iskra	Iskra	Boris		3.2 Fire engineering	Fire-Protected Timber Elements of Construction - Response During Fire Decay and Cooling Phase
589 Chamith Karannagodage	Karannagodage	Chamith	Timber Engineering	3.2 Fire engineering	NUMERICAL SIMULATIONS OF FIRES IN EXPOSED TIMBER COMPARTMENTS
593 Laura Schmidt	Schmidt	Laura	Timber Engineering	3.2 Fire engineering	EXPLICIT FIRE SAFETY FOR MASS TIMBER STRUCTURES – FROM THEORY TO PRACTICE
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678 David Barber	Barber	David	Timber Engineering	3.2 Fire engineering	ACCOUNTING FOR POST-PEAK COMPARTMENT TEMPERATURE THERMAL DEGRADATION OF MASS TIMBER
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763 Hans-Erik Blomgren	Blomgren	Hans-Erik	Timber Engineering	3.2 Fire engineering	Fire DESIGN OF GULLAM CONTENTS OF UNIQUE OF THE PROPERTY OF TH
776 Sam Salem	Salem	Sam	Timber Engineering	3.2 Fire engineering	Fire Resistance Testing of CIT-Concrete Composite Floor Slabs with Notch Shear Connections
777 Sam Salem	Salem	Sam	Timber Engineering	3.2 Fire engineering	Fire Resistance Testing of CLT-Concrete Composite Floor Slabs Utilizing Glued-In Steel Plates as Shear Connectors
778 Sam Salem	Salem	Sam	Timber Engineering	3.2 Fire engineering	Fire Resistance Testing of CLT-Concrete Composite Floor Slabs Utilizing Self-Tapping Screws as Shear Connectors
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813 Marc Franssen 814 Paul Horne 816 Rafik Nizarali 18 Patricia Hamm	Franssen	Siyimane Jean Marc Paul Rafik	Timber Engineering Timber Engineering Timber Engineering Timber Engineering	3.2 Fire engineering 3.2 Fire engineering	NATURAL FIRE TESTS ON GIT COLUMNS INCLUDING THE COOLING DOWN PHASE ANALYTICAL MODELLING OF TENDANCE TIMERE BEAM-COLUMN CONECTIONS IN FIRE Mechanical Performance of non-metalic lowers at elevated temperatures  Order of the performance of non-metalic lowers at elevated temperatures  Order of the performance of non-metalic lowers at elevated temperatures
814 Paul Horne 816 Rafik Nizarali	Franssen Horne Nizarali	Siyimane Jean Marc Paul	Timber Engineering Timber Engineering Timber Engineering Timber Engineering Timber Engineering	3.2 Fire engineering 3.2 Fire engineering 3.2 Fire engineering	NATURAL REE TISTS ON GLT COLUMNS INCLUDING THE COLUNG DOWN PRASE ANALYTICAL MOREON OF POST-TENSION THE REGION TO THE COLUNG CONNECTONS IN FIRE Mechanical Performance of non-metallic doweds at elevated temperatures FULL SCALE VIBRATION TISTS ON AL LOOK SPANT TIMBER FLOOR PLATE SCALE VIBRATION TISTS ON AL LOOK SPANT TIMBER FLOOR PLATE SCALE VIBRATION TISTS ON AL LOOK SPANT TIMBER FLOOR PLATE SCALE VIBRATION TISTS ON AL LOOK SPANT TIMBER FLOOR PLATE SCALE VIBRATION TISTS ON AL LOOK SPANT TIMBER FLOOR PLATE SCALE VIBRATION TISTS ON AL LOOK SPANT TIMBER FLOOR PLATE SCALE VIBRATION TISTS ON AL LOOK SPANT TIMBER FLOOR PLATE SCALE VIBRATION TISTS ON AL LOOK SPANT TIMBER FLOOR PLATE SCALE VIBRATION TISTS ON AL LOOK SPANT TIMBER FLOOR PLATE SCALE VIBRATION TISTS ON AL LOOK SPANT TIMBER FLOOR PLATE SCALE VIBRATION TISTS ON AL LOOK SPANT TIMBER FLOOR PLATE FLOOR PLATE SCALE VIBRATION TISTS ON AL LOOK SPANT TIMBER FLOOR PLATE SCALE VIBRATION TISTS ON ALLOOK SPANT TIMBER FLOOR PLATE SCALE VIBRATION TISTS ON ALLOOK SPANT TIMBER FLOOR PLATE SCALE VIBRATION TISTS ON ALLOOK SPANT TIMBER FLOOR PLATE SCALE VIBRATION TISTS ON ALLOOK SPANT TIMBER FLOOR PLATE SCALE VIBRATION TISTS ON ALLOOK SPANT TIMBER FLOOR PLATE SCALE VIBRATION TISTS ON ALLOOK SPANT TIMBER FLOOR PLATE SCALE VIBRATION TISTS ON ALLOOK SPANT TIMBER FLOOR PLATE SCALE VIBRATION TISTS ON ALLOOK SPANT TIMBER FLOOR PLATE SCALE VIBRATION TISTS ON ALLOOK SPANT TIMBER FLOOR PLATE SCALE VIBRATION TISTS ON ALLOOK SPANT TIMBER FLOOR PLATE SCALE VIBRATION TISTS ON TISTS ON TIMBER FLOOR PLATE SCALE VIBRATION TISTS ON TIS
814 Paul Horne 816 Rafik Nizarali 18 Patricia Hamm	Franssen Horne Nizarali Hamm	Jean Marc Paul Rafik Patricia	Timber Engineering	3.2 Fire engineering 3.2 Fire engineering 3.2 Fire engineering 3.2 Fire engineering 3.3 Fire engineering 3.3 Vibrations & Acoustics	NATURAL FIRE TESTS ON GLT COLUMNS INCLUDING THE COLUNG DOWN PHASE ANALITICAL MODELLING POST-TENSINGENET TIMBER BEAM-COLUMN COUNSETIONS IN FIRE Mechanical Performance of non-metallic dowers at elevated temperatures  On the control of the control o
814         Paul Home           816         Rafik Nizarali           18         Patricia Hamm           40         Mohamad Bader Eddin           144         Hassan Karampour           255         David Owolabi	Franssen Horne Nizarali Hamm Bader Eddin Karampour Owolabi	Siyimane Jean Marc Paul Rafik Patricia Mohamad Hassan David	Timber Engineering	3. Fire enjineering 3. Vire entity	NATUBAL FRE TESTS ON GLT COLUMNS INCLUDING THE COLUNG DOWN PRASE  ANALYTICAL MODELLING OF POST-TENSIONED TIMBER BEAM-COLUMN CONNECTIONS IN FIRE  Mechanical Performance of non-metallic doweds at elevated temperatures  FULL SCALE VIRBATION TESTS ON A LONG SPAN TIMBER FLOOR  Accoustic exentivity analysis and modeling of sound insulation performance of lightweight wooden Facades using ANN.  DESIGN OF LONG-SPAN LIGHTWEIGHT TIMBER FLOORS SUBJECT TO WALLDING EXCITATIONS - A CAS STUDY  DESIGN OF LONG-SPAN LIGHTWEIGHT TIMBER FLOORS SUBJECT TO WALLDING EXCITATIONS - A CAS STUDY
B14   Paul Home	Franssen Horne Nizarali Hamm Bader Eddin Karampour Owolabi Yang	Siyimane Jean Marc Paul Rafik Patricia Mohamad Hassan David Huifeng	Timber Engineering	3.3 Fire enigneering 3.2 Fire enigneering 3.3 Fire enigneering 3.3 Verenteering enigneering 4.5 Verenteering 5.5 Verenteering 5	NATURAL REE TESTS ON GLT COLUMNS INCLUDING THE COLUNG DOWN PHASE  ANALYTICAL MODELING PEOF TESTS DOWN THE TREAT PROLUMN CONNECTIONS IN FIRE  Mechanical Performance of non-metallic dowels at leavased temperatures  FULL SCALE WRISAND TESTS ON A LODGE SANT INTERE TROUBLY CONNECTIONS ON THE PROLUMN CONNECTIONS ON THE PROLUMN CONNECTION OF THE PROLUMN CONNECT
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814   Paul Home	Franssen Horne Nizarali Hamm Bader Eddin Karampour Owolabi Yang Lins	Syimane Jean Marc Paul Rafik Patricia Mohamad Hassan Dowld Huifleng Dio Dio Thomas	Timber Engineering	3. Fire engineering 3. Verbrance Accounts	NATURAL REE TESTS ON GIT COLUMNS INCLUDING THE COLUNG COWN PHASE  ANALYTICAL MODELING OF POST-TENSION THAN THE ANALYTICAL MODELING OF THE ANALYTICAL MODELING FOR T
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5 Angelo Aloisio 36 Elif Appavuravther Sumichrast	Appavuravther Sumichrast	Angelo Elif	Timber Engineering Timber Engineering	3.8 Mixed, composite & hybrid structures 3.8 Mixed, composite & hybrid structures	DESIGN OF ASTROMER IN FINICIDAL CONNECTIONS IN TIMEBRE CONCRETE COMPOSITES  SHEAR TESTS ON PERFORMING CONNECTIONS IN TIMEBRE CONCRETE COMPOSITES  SHEAR TESTS ON PERFORMING CONNECTIONS IN TIMEBRE CONCRETE COMPOSITES  SHEAR TESTS ON PERFORMING CONNECTIONS IN TIMEBRE CONCRETE COMPOSITES  SHEAR TESTS ON PERFORMING CONNECTIONS IN TIMEBRE CONCRETE COMPOSITES  SHEAR TESTS ON PERFORMING CONNECTIONS IN TIMEBRE CONCRETE COMPOSITES  SHEAR TESTS ON PERFORMING CONNECTIONS IN TIMEBRE CONCRETE COMPOSITES  SHEAR TESTS ON PERFORMING CONNECTIONS IN TIMEBRE CONCRETE COMPOSITES  SHEAR TESTS ON PERFORMING CONNECTIONS IN TIMEBRE CONCRETE COMPOSITES  SHEAR TESTS ON PERFORMING CONNECTIONS IN TIMEBRE CONCRETE COMPOSITES  SHEAR TESTS ON PERFORMING CONNECTIONS IN TIMEBRE CONCRETE COMPOSITES  SHEAR TESTS ON PERFORMING CONNECTIONS IN TIMEBRE CONCRETE COMPOSITES  SHEAR TESTS ON PERFORMING CONNECTIONS IN TIMEBRE CONCRETE COMPOSITES  SHEAR TESTS ON PERFORMING CONNECTIONS IN TIMEBRE CONCRETE COMPOSITES  SHEAR TESTS ON PERFORMING CONNECTIONS IN TIMEBRE CONCRETE COMPOSITES  SHEAR TESTS ON PERFORMING CONNECTIONS IN TIMEBRE CONCRETE COMPOSITES  SHEAR TESTS ON THE SHEAR THE S
41 Laith Gharaibeh	Gharaibeh	Laith	Timber Engineering	3.8 Mixed, composite & hybrid structures	STRUCTURAL PERFORMANCE OF REINFORCED GLULAM BEAMS
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173 Keisuke Hayata	Hayata	Keisuke	Timber Engineering	3.8 Mixed, composite & hybrid structures	EXPERIMENT ON AXIAL CAPACITY-BENDING CAPACITY RELATIONSHIP OF STEEL BAR-TIMBER COMPOSITE COLUMN
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222 Lei Zhang	Zhang	lei .	Timber Engineering	3.8 Mixed, composite & hybrid structures	Nail-tainisted Timber-Concect Composite Beams with Notherd Connections and Selective Concerned.  Nail-tainisted Timber-Concect Composite Beams with Notherd Connections and Selective Concerned.
229 Daniel Chapman	Chapman	Daniel	Timber Engineering	3.8 Mixed, composite & hybrid structures	Timber Concrete Composite Floor Slabs
233 Matthias Füchslin, Philippe Grönquist	Grönquist	Philippe	Timber Engineering	3.8 Mixed, composite & hybrid structures	PUSH-OUT TESTS OF WET-PROCESS ADHESIVE-BONDED BEECH TIMBER-CONCRETE AND TIMBER-POLYMER-CONCRETE COMPOSITE CONNECTIONS
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268 Simon Aicher 272 Joan W. Gikonyo	Simon Gikonyo	Joan W.	Timber Engineering	3.8 Mixed, composite & hybrid structures 3.8 Mixed, composite & hybrid structures	Semi-integral full-scale Suttigart timber model pringle NUMERICAL MODELLING PAC KOOSS-AMMINISTED TIMBER-TO-CONRETE DOWEL-TYPE CONNECTION USING THE BEAM-ON-FOUNDATION MODEL MODELLING FOR KOOSS-AMMINISTED TIMBER-TO-CONRETE DOWEL-TYPE CONNECTION USING THE BEAM-ON-FOUNDATION MODEL MODELLING FOR KOOSS-AMMINISTED TIMBER-TO-CONRETE DOWEL-TYPE CONNECTION USING THE BEAM-ON-FOUNDATION MODEL MODELLING FOR KOOSS-AMMINISTED TIMBER-TO-CONRETE DOWEL-TYPE CONNECTION USING THE BEAM-ON-FOUNDATION MODEL MODELLING FOR KOOSS-AMMINISTED TIMBER-TO-CONRETE DOWEL-TYPE CONNECTION USING THE BEAM-ON-FOUNDATION MODEL MODELLING FOR KOOSS-AMMINISTED TIMBER-TO-CONRETE DOWEL-TYPE CONNECTION USING THE BEAM-ON-FOUNDATION MODEL MODELLING FOR KOOSS-AMMINISTED TIMBER-TO-CONRETE DOWEL-TYPE CONNECTION USING THE BEAM-ON-FOUNDATION MODEL MODELLING FOR KOOSS-AMMINISTED TIMBER-TO-CONRETE DOWEL-TYPE CONNECTION USING THE BEAM-ON-FOUNDATION MODEL MODELLING FOR FOR THE MODELLING FO
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84 Yue Diao	Diao	Yue	Timber Engineering	3.9 Wood-based building systems	FEASIBILITY STUDY ON LONG-SPAN CLT-GUILLAM COMPOSITE FLOORING SYSTEM CONNECTED WITH BAMBOO-TENON SHEAR CONNECTORS
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170 Takumi Suyama 188 Fernando Véliz 220 Shane Hossell	Véliz Hossell	Rongji Takumi Fernando Shane	Timber Engineering Timber Engineering Timber Engineering Timber Engineering	3.9 Wood-based building systems 3.9 Wood-based building systems 3.9 Wood-based building systems	STUDY ON THE EVALUATION OF THE RESTORME FORCE CHARACTERISTICS OF FLOOR OF TRADITIONAL WOODEN BUILDING IN NYOTO LAQADING TEST OF CLI-SHARA WALL CONNECTED WITH STEEL AREA "THARRE COMPOSITE COLUMN DESIGNATION GIFTCH ENERGY FULL SCALE LATERIAL TESTING, AND MODELLING OF ROUSTRAULZED TIMERE PULLYS FLOOR AND AND CONTINUED STUDY OF THE PULLY SCALE LATERIAL TESTING, AND MODELLING OF ROUSTRAULZED TIMERE PULLYS FOR UTATA-GIVE AGRED BUILDINGSTRUCTURES  THERE YOULTS OUT UTATA-GIVE AGRED BUILDINGSTRUCTURES
170         Takumi Suyama           188         Fernando Véliz           220         Shane Hossell           250         Craig Cowled	Véliz Hossell Cowled	Rongji Takumi Fernando Shane Craig	Timber Engineering Timber Engineering Timber Engineering Timber Engineering Timber Engineering	3.9 Wood-based building systems 3.9 Wood-based building systems 3.9 Wood-based building systems 3.9 Wood-based building systems	STUDY ON THE EVALUATION OF THE RESTORME FORCE CHARACTERISTICS OF FLOOR OF TRADITIONAL WOODEN BUILDING IN KYOTO  LOADING TEST OF CLT SHEAR WALL CONNECTED WITH STEEL BAR—TIMBER COMPOSITE COLUMN DESPATING HIGH-ENERGY  FULL-SCALE LATERAL TESTING AND MODELLING OF INDUSTRIALIZED TIMBER DAPPHAGINS INCLUDING OILLY-FRAMING AND NON-STRUCTURAL SHEATHING  TIMBER WALUTS FOR UUTRA-LOW-CARGON BUILDINGSTRUCTURES  HIVELING OF PASTERBORADO ON THE STRUCTURAL PERFORMANCE OF TIMBER-FRAMED SHEAR WALLS
170 Takumi Suyama 188 Fernando Véliz 220 Shane Hossell 250 Craig Cowled 258 Giuseppe D'Arenzo	Véliz Hossell Cowled Ruggeri	Rongji Takumi Fernando Shane	Timber Engineering	3.9 Wood-based building systems 3.9 Wood-based building systems 3.9 Wood-based building systems	STUDY ON THE EVALUATION OF THE RESTORME FORCE CHARACTERISTICS OF FLOOR OF TRADITIONAL WOODEN BUILDING IN KYOTO  LOADING TEST OF LIST-SHEAR WALL CONNECTED WITH STEEL AREA THARBER COMPOSTER COLLIMIN DESPATING HIGH-REBERGY  FULL-SCALE LATERAL TESTING AND MODELLING OF INDUSTRALIZED TIMBER DIAPHRAGMS INCLUDING ONLY-FRAMING AND NON-STRUCTURAL SHEATHING  TIMBER WAILTS FOR UUTRA-LOW-CARBOON BUILDINGSTRUCTURES  REFURENCE OF JANESTREBORDOD OF THE STRUCTURAL PREFORMANCE OF TIMBER-FRAMED SHEAR WALLS  EXPERIMENTAL CHARACTERIZATION OF CIT SHEAR WALLS CONNECTED TO PERPENDICULAR WALLS  SEGMENTED COMPOSTS SECTIONS WITH WOOD DOWLES.
170         Takumi Suyama           188         Ferando Véliz           220         Shane Hosseli           250         Craig Cowled           258         Giuspepe D'Arenzo           280         Matthias Brieden           341         Daniele Casagrande	Véliz Hossell Cowled Ruggeri Brieden Casagrande	Rongji Takumi Fernando Shane Craig Elisabetta Maria Matthias Daniele	Timber Engineering	3.3 Wood-based building systems 3.9 Wood-based building systems	STUDY ON THE EVALUATION OF THE RESTORMS FORCE CHARACTERISTICS OF FLOOR OF TRADITIONAL WOODEN BUILDING IN NYOTO LAQADING TEST OF CLT SHARE AVAIL CONNECTED WITH STEEL AREA "THURBER COMPOSITE COLUMN DESIGNATION GIFTHER PROPERTY OF THE SHARE THE STUDY AND MODELLING OF INDUSTRALIZED TIMEBER DAM-PRAGMS INCLIDENCE ONLY-FRAMING AND NON-STRUCTURAL SHEATHING  FINAL SHEEL TESTING AND MODELLINGS TRUCTURES  INFLUENCE OF PRASTERBOARD ON THE STRUCTURAL PERFORMANCE OF TIMEBER FRAMED SHEAR WALLS  DEPRIMENTAL CHARACTERIZATION OF CLT SHEAR AVAILS CONNECTED TO PERPENDICULAR WALLS  SEGMENTED COMPOSITE SECTIONS WITH WOOD DOWELS  SEGMENTED CONDICIONS WITH WOOD DOWELS  DEPRIMENTAL CON NUMERICAL INVISIONATION OF THE MECHANICAL BEHANDOUR OF LIGHT-FRAME TIMBER SHEARWALLS WITH DIAGONAL BOARD SHEATHING
170         Takumi Suyama           188         Fernando Véliz           220         Shane Hotssell           250         Craig Cowled           258         Giuspepe D'Arenzo           280         Matthias Brieden           341         Daniele Casagrande           662         Chul-lá Klim	Véliz Hossell Cowled Ruggeri Brieden Casgrande Kim	Rongji Takumi Fernando Shane Craig Elisabetta Maria Matthias Daniele Chul-Ki	Timber Engineering	3 Woods based building systems	STUDY ON THE EVALUATION OF THE RESTGONNE FORCE CHARACTERISTICS OF FLOOR OF TRADITIONAL WOODEN BUILDING IN NYOTO  LOADING TEST OF CLE SHEAR WALL CONNECTED WITH STEEL AREA "THARRE COMPOSITE COLUMN DESIGNATION (SHICH PERSON  FULL SCALE LATERAL TESTING AND MODELLING OF INDUSTRIALIZED TIMBER DIAPHRAGMS INCLUDING ONLY-FRAMING AND NON-STRUCTURAL SHEATHING  TIMBER WAILTS FOR UITRA-LOW-CARBON BUILDINGSTRUCTURAL  FREIDERISTIC THARE SHEADINGO OF THE STRUCTURAL PREFORMANCE OF TIMBER-FRAMED SHEAR WALLS  EXPERIMENTAL CHARACTERIZATION OF CIT SHEAR WALLS CONNECTED TO PERPENDICULAR WALLS  SEGMENTED CORNINGS SECTIONS WITH WOOD DOWLES  EXPERIMENTAL AND NUMBERICAL INVESTIGATION OF THE MECHANICAL BEHANDUR OF LIGHT-FRAME TIMBER SHEARWALLS WITH DIAGONAL BOARD SHEATHING  SHEAR PREFORMANCE OF STRUCTURAL PRINCEIGEAGES PHEARWE WALL
170         Takumi Suyama           188         Fernando Wilit           200         Shane Hossell           250         Craig Cowled           258         Giuseppe O'Arenzo           280         Matthias Brinden           341         Daniele Casagrande           662         Critobia Tipai Camú	Véliz Hossell Cowled Ruggeri Brieden Casagrande Kim Tapia Camú	Rongii Takumi Fernando Shane Craig Elisabetta Maria Matthias Daniele Chul-Ki Cristóbal	Timber Engineering	3 3 Wood-based building systems	STUDY ON THE EVALUATION OF THE RESTORMS FORCE CHARACTERISTICS OF FLOOR OF TRADITIONAL WOODEN BUILDING IN NYOTO LADANG TEST OF CLT SHEAR WALL CONNECTED WITH STEEL AREA "THURSE TO MODESTEE COLUMN DESIGNATION GIFTCH RENES OF THE STEEL TESTING AND MODELLING OF INJUSTRALIZED TIMERER PAULTS DESIGNATION GIFTCH RENES OF THE STEEL TESTING AND MODELLING OF INJUSTRALIZED TIMERER PAULTS DESIGNATION OF THE STRUCTURAL SHEATHING SHEATHING THE STRUCTURAL SHEATHING SHEATHING THE STRUCTURAL SHEATHING SHE
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170   Takum Suyama	Veliz Hossell Cowled Ruggeri Brieden Casagrande Kim Tapia Camú Pang Loth Néron	Rongii Takumi Fernando Shane Craig Elisabetta Maria Matthias Daniele Chul-Ki Cristobal Weichlang Andreas Laurane	Timber Engineering Timber Anderstend Timber Anderstend Timber Anderstend Timber Anderstend Timber Anderstend	3 3 Wood-based building systems	STUDY ON THE EVALUATION OF THE RESTORME FORCE CHARACTERISTICS OF FLORE OF TRADFORMAL WOODEN BUILDING IN KYOTO LADADICS TEST OF CAT SHARE AWAL CONNECTED WITH STEEL ABEA —THARRE COMPOSITE COLUMN DESIGNATION GINCH PERED?  FULL SCALE LATERAL TESTING AND MODELLING OF ROUSTRALUZED TIMERER DAVARRAGINS INCLUDING ONLY-FRAMING AND NON-STRUCTURAL SHEATHING  HINGLINEC OF PLASTERBOARD ON THE STRUCTURAL PERFORMANCE OF THREE FRAMED SHEAR WALLS  GENERALITY OF THE STRUCTURAL PERFORMANCE OF THREE FRAMED SHEAR WALLS  SECRETURE COMPOSITE SECTIONS WITH WOOD DOWNES  SECRETURE COMPOSITE SECTIONS WITH WOOD DOWNES  CONTROLLED ON THE STRUCTURAL PERFORMANCE OF THREE FRAMED SHEAR WALLS  SECRETURE COMPOSITE SECTIONS WITH WOOD DOWNES  CONTROLLED ON THE STRUCTURAL PERFORMANCE OF THREE THREE SHEARWALLS WITH DIAGONAL BOARD SHEATHING  WOOD SHEAR SHEAR SHEAR SHEAR SHEAR SHEARWALLS WITH DIAGONAL BOARD SHEATHING  WOOD SHEAR SHEAR SHEAR SHEAR SHEAR SHEARWALLS WITH DIAGONAL BOARD SHEATHING  WOOD SHEAR SHEAR SHEAR SHEAR SHEAR SHEARWALLS WITH DIAGONAL BOARD SHEATHING  WOOD SHEAR SHEAR SHEAR SHEAR SHEAR SHEARWALLS WITH DIAGONAL BOARD SHEATHING  WOOD SHEAR SHEAR SHEAR SHEAR SHEARWALLS WITH DIAGONAL BOARD SHEATHING  WOOD SHEAR SHEAR SHEAR SHEAR SHEAR SHEAR SHEARWALLS WITH DIAGONAL BOARD SHEATHING  WOOD SHEAR SHEAR SHEAR SHEAR SHEAR SHEARWALLS WITH DIAGONAL BOARD SHEATHING  WOOD SHEAR SHEAR SHEAR SHEAR SHEAR SHEAR SHEAR SHEARWALLS WITH DIAGONAL BOARD SHEATHING  WOOD SHEAR
170	Veliz  Cowled  Ruggeri  Brieden  Casagrande  Kim  Tapia Camú  Pang  Loth  Néron	Rongi Takumi Fernando Shane Craig Elisabetta Maria Matthias Daniele Chul-Ki Cristóbal Weichlang Andreas Laurane Victor	Timber Engineering Timber Architecture	3 9 Wood-based building systems 4 9 Wood-based building systems 9 Wood-based building systems 1 4 A redistrictural potential of mew wooder materials & technologies 4 1 A redistrictural potential of new wooder materials & technologies 4 1 A redistrictural potential of new wooder materials & technologies	STUDY ON THE EVALUATION OF THE RESTORMS FORCE CHARACTERISTICS OF FLOOR OF TRADITIONAL WOODEN BUILDING IN NYOTO LAQADING TEST OF CLT SHARE AVAIL CONNECTED WITH STEEL AREA "THURBER COMPOSITE COLUMN DESIGNATION GIFTHER PROPERTY OF THE SHARE TESTING AND MODELLING OF INDUSTRALIZED TIMERER PAULTS FOR AND MODELLING OF INDUSTRALIZED TIMERER PAULTS FOR AND MODELLING STRUCTURES  ### FLUENCE OF PRASTERBOARD ON THE STRUCTURE PERFORMANCE OF TIMERER-RAMED SHARE WALLS  ### FLUENCE OF PRASTERBOARD ON THE STRUCTURE PERFORMANCE OF TIMERER-RAMED SHARE WALLS  ### FLUENCE OF PRASTERBOARD ON THE STRUCTURE PERFORMANCE OF TIMERER-RAMED SHARE WALLS  ### FLUENCE OF PRASTERBOARD ON THE STRUCTURE PERFORMANCE OF SHARE WALLS  ### FLUENCE OF PRASTERBOARD ON THE STRUCTURE PERFORMANCE OF SHARE WALLS  ### FLUENCE OF PRASTERBOARD ON THE STRUCTURE MECHANICAL BEHANDOUR OF LIGHT-FRAME TIMBER SHEARWALLS WITH DIAGONAL BOARD SHEATHING  ### SHEAR PERFORMANCE OF STRUCTURE ARETICEARDED SHEATHED UISHT-FRAME WALL  ### POINT-SHAPPON SHARE PROPERTY OF THE SHARE PROP
170   Takum Suyama	Veliz Hossell Cowled Ruggeri Brieden Casagrande Kim Tapia Camú Pang Loth Néron Fréchard Arnold	Rongii Takumi Fernando Shane Craig Elisabetta Maria Matthias Daniele Chul-Ki CristObal Weichlang Andreas Laurane Victor Matthias	Timber Engineering Timber Angineering	3 S Woods based building systems 4 S Woods based building systems 4 L Architectural potential of new wooden materials & technologies 4 L Architectural potential of new wooden materials & technologies 4 L Architectural potential of new wooden materials & technologies 4 L Architectural potential of new wooden materials & technologies	STUDY ON THE EVALUATION OF THE RESTORME FORCE CHARACTERISTICS OF FLOOR OF TRADITIONAL WOODEN BUILDING IN KYOTO LADADICS TEST OF CLIT SHEAR WALL COMPRETED WITH STEEL BASE AT THISSE TO SHEPPED FOR COLLIN OR SHEAT THIS HEAD THE SHEAT TESTING AND MODELLING OF ROUSTRALIZED TIMESER DAYFRAGMS INCLUDING ONLY-FRAMING AND NON-STRUCTURAL SHEATHING  BIFLE LATERAL TESTING AND MODELLING OF ROUSTRALIZED TIMESER FLOOR SHEAT WALLS  BIFLE LATER OF THAT SHEAD AND ON THE STRUCTURAL PERFORMANCE OF TIMESER FRAMED SHEAR WALLS  BUFLED FOR THE SHEAT SHEAD ON THE STRUCTURAL PERFORMANCE OF TIMESER FRAMED SHEAR WALLS  SEGMENTED COMPOSIT SECTIONS WITH WOOD DOWNESS  SEGMENTED COMPOSIT SECTIONS WITH WOOD DOWNESS  SEGMENTED COMPOSIT SECTIONS WITH WOOD DOWNESS  SHEAR PERFORMANCE OF THATCURAL PARTICLEROADS SHEATHED BIGHT-FRAME WALLS  SHEAR PERFORMANCE OF THATCURAL PARTICLEROADS SHEATHED BIGHT-FRAME WALLS  USAGE OF A BAMBOO HON-YOUNG STRUCTURE (COMBOO) IN TIMESER ANGUTECTURE  USAGE OF A BAMBOO HON-YOUNG STRUCTURE (COMBOO) IN TIMESE ARGUTECTURE CHALLENGS AND OPPORTUNITIES  THAT PRESENDED AND THE MATTER LATER HINGE OF PROMOTED THE PRESENTS TO THE LATTER HINGE METHOD TO PROMOTE THE MATTER SHEATH AND THE PRESENTS OF THE MATTER SHEATH AND THE MATTER SHEATH AND THE PRESENTS OF THE MATTER HINGE OF PROMOTED THE PRESENTS OF THE MATTER HINGE SHEATH OF THE MATTER HINGE OF PROMOTED THE PRESENTS OF THE PRE
170	Veliz  Cowled  Ruggeri  Brieden  Casagrande  Kim  Tapia Camú  Pang  Loth  Néron  Fréchard  Arnold  Sheine	Rongii Takumi Fernando Shane Craig Elisabetta Maria Matthias Daniele Chul-Ki Crottobal Weichlang Andress Laurane Victor Matthias	Timber Engineering Timber Anchitecture Timber Architecture Timber Architecture Timber Architecture Timber Architecture Timber Architecture	3 9 Woods based building systems 4 9 Woods based building systems 4 9 Woods based building systems 4 1 A Kristicktural potential of new wooder materials & technologies 4 1 A Kristicktural potential of new wooder materials & technologies 4 1 A Kristicktural potential of new wooder materials & technologies 4 1 A Kristicktural potential of new wooder materials & technologies 4 1 A Kristicktural potential of new wooder materials & technologies 4 1 A Kristicktural potential of new wooder materials & technologies	STUDY ON THE EVALUATION OF THE RESTORNE FORCE CHARACTERISTICS OF FLORE OF TRADITIONAL WOODEN BUILDING IN NYOTO LADANIST STOR CLT SHEAR WALL CONNECTED WITH STEEL AREA "THURSE TO MODESTEE COLUMN DESIGNATION GIFTHERERY  FULL SCALE LATERAL TESTING AND MODELLINGS OF ROUSTRALUZED TIMERER DAD-HRAGADS INCLUDING ONLY-FRAMING AND NON-STRUCTURAL SHEATHING  THIRSE WALLTS FOUR UNTA-LOW-CARBOD BUILDINGSTRUCTURES  INFLUENCE OF PRASTERBOARD ON THE STRUCTURAL PERFORMANCE OF TIMERER-RAMED SHEAR WALLS  SEPRIMENTIAL CHARACTERIZATION OF CLT SHEAR WALLS CONNECTED TO PREPROVINCULAR WALLS  SEGMENTED COMPOSITE SECTIONS WITH WOOD DOWELS  SEGMENTED CONFIDENCE OF STRUCTURAL PARTICLEBOARDS SHEATHED LIGHT-FRAME TIMBER SHEARWALLS WITH DIAGONAL BOARD SHEATHING  SHEAR PERFORMANCE OF STRUCTURAL PARTICLEBOARDS SHEATHED LIGHT-FRAME WALL  DEPOIL SURPOSITE OF DISSISTER RIGHT OF MINISTRY OF THE SHEATHED SHEAR WALLS  DEPOIL SURPOSITE OF DISSISTER RIGHT OF MINISTRY OF THE MECHANICAL BEHANDOUR OF LIGHT-FRAME WALL  DEPOIL SURPOSITE OF DISSISTER RIGHT OF MINISTRY OF THE MECHANICAL BEHANDOUR OF LIGHT-FRAME WALL  DEPOILS SHOW ON THE SHEAT OF THE MINISTRY OF THE MECHANICAL BEHANDOUR OF LIGHT-FRAME WALL  DEPOILS SHOW ON ON WERKER. IN NECTOR OF THE MECHANICAL BEHANDOUR OF LIGHT-FRAME WALL  WAS GIVEN A BOAD ON WHITE CASE OF THE MECHANICAL BEHANDOUR OF LIGHT-FRAME WALL  DEPOILS WOOD ON THE MECHANICAL SHEATH OF THE MECHANICAL BEHANDOUR OF LIGHT-FRAME WALL  WAS GIVEN A BOAD ON WHITE CASE OF THE MECHANICAL BEHANDOUR OF LIGHT-FRAME WALL  WAS GIVEN A BOAD ON WHITE CHARGE METHOD  DEPOILS WOOD ON THE METHOD ON THE MECHANICAL BEHANDOUR OF LIGHT-FRAME WALL  WAS GIVEN A BOAD ON WHITE CASE OF THE METHOUR OF THE MECHANICAL BEHANDOUR OF LIGHT-FRAME WALL  WAS GIVEN A BOAD ON THE METHOUR OF THE MECHANICAL BEHANDOUR OF LIGHT-FRAME WALL  WAS GIVEN A BOAD ON THE METHOUR OF THE MECHANICAL BEHANDOUR OF LIGHT-FRAME WALL  WAS GIVEN A BOAD ON THE METHOUR OF THE MECHANICAL BEHANDOUR OF LIGHT-FRAME WALL  WAS GIVEN AS THE PROPROMEN OF THE METHOUR OF THE MECHANICAL BEHANDOUR OF THE METHO
170   Takum Suyama	Vélit Hossell Cowled Buggeri Brieden Casagrande Kem Tapla Camú Pang Loth Néron Fréchard Arnold Shène	Rongii Takumi Fernando Shane Graig G	Timber Engineering Timber Anchitecture Timber Architecture	3 9 Wooth based building systems 4 1.4 Architectural potential of new wooden materials & technologies 4.1 Architectural potential of new wooden materials & technologies 4.1 Architectural potential of new wooden materials & technologies 4.1 Architectural potential of new wooden materials & technologies 4.1 Architectural potential of new wooden materials & technologies 4.1 Architectural potential of new wooden materials & technologies 4.1 Architectural potential of new wooden materials & technologies 4.1 Architectural potential of new wooden materials & technologies	STUDY ON THE EVALUATION OF THE RESTORNEY FORCE CHARACTERISTICS OF FLOOR OF TRADITIONAL WOODON BUILDING IN NYOTO LADADICS TEST OF CLT SHEAR WALL CONNECTE OWN THIS ELBA — THASHE COMPOSTE COLUMN DESIGNATION GHICH PRESE?  FULL SCALE LATERAL TESTING AND MODELLING OF ROUSTRALIZED TIMBERS ROAPRIAGOS INCLUDING ONLY-FRAMING AND NON-STRUCTURAL SHEATHING  HINGLINEC OF PLASTERBOARD ON THE STRUCTURAL PREFORMANCE OF THIS PRESENCE AND SHEAR WALLS  EXPERIMENTAL CHARACTERIZATION OF CLT SHEAR WALLS CONNECTED TO PERFORMING THE OF THE SHEAR WALLS  SEGMENTED COMPOSITE SECTIONS WITH WOOD DOWNES  EXPERIMENTAL ORDINALTERIZATION OF CLT SHEAR WALLS CONNECTED TO PERFORM THE SHEAR WALLS  STEAM PERFORMANCE OF STRUCTURAL PARTICLEROADS—SHEATHED LIGHT-FRAME WALL  SHEAR PERFORMANCE OF STRUCTURAL PARTICLEROADS—SHEATHED LIGHT-FRAME WALL  OFFICE SHEAR SHEAT SHEATHER HORSE WAS AND SHEATHER SHEATHER SHEARWALLS WITH DIAGONAL BOARD SHEATHING  SHEAR PERFORMANCE OF STRUCTURAL PARTICLEROADS—SHEATHED LIGHT-FRAME WALL  OFFICE SHEATHER SHEATHER HORSE WAS AND SHEATHER
170	Véliz Hossell Covided Rusgeri Brieden Brieden Brieden Brieden Freis Brie	Rongii Takumi Fernando Shane Craig Elisabetta Maria Matthias Obniele Chul-Ri Crostobel Grostobel	Timber Engineering Timber Architecture	3 Woods based building systems 4 A Architectural potential of new wooden materials & technologies 4 L Architectural potential of new wooden materials & technologies 4 L Architectural potential of new wooden materials & technologies 4 L Architectural potential of new wooden materials & technologies 4 L Architectural potential of new wooden materials & technologies 4 L Architectural potential of new wooden materials & technologies 4 L Architectural potential of new wooden materials & technologies 4 L Architectural potential of new wooden materials & technologies 4 L Architectural potential of new wooden materials & technologies 4 L Architectural potential of new wooden materials & technologies 4 L Architectural potential of new wooden materials & technologies	STUDY ON THE EVALUATION OF THE RESTORNEY FORCE CHARACTERISTICS OF FLOOR OF TRADITIONAL WOODEN BUILDING IN NYOTO LADADIOR TEST OF CLT SHEAR WALL CONNECTED WITH THE ELBA — THURSE TO ADDRESS THOU WITH THE SHEAR SHEAR OF THE SHEAR WALLS  BIFLUENCE OF PLASTERBOARD ON THE STRUCTURAL PERFORMANCE OF THREE-PRANCES INCLUDING ONLY-FRAMING AND NON-STRUCTURAL SHEATHING  BIFLUENCE OF PLASTERBOARD ON THE STRUCTURAL PERFORMANCE OF THREE-PRANCE SHEAR WALLS  SEGMENTED COMPOSETS SECTIONS WITH WOOD DOWELS  SEGMENTED COMPOSETS SECTIONS WITH WOOD DOWELS  SEGMENTED COMPOSETS SECTIONS WITH WOOD DOWELS  SHEAR PERFORMANCE OF STRUCTURAL PARTICLERBOARD-SHEATHED DIGHT-FRAME WALL  SHEAR PERFORMANCE OF STRUCTURAL PARTICLERBOARD-SHEATHED DIGHT-FRAME WALL  OPENIBABLY ALL REAL SHAPE SHEAR SH
170	Vétir Hossell Cowled Buggeri Briederi	Rongii Taturni Fernando Shane Craig Grisshetta Maria Grisshetta Maria Daninie Craid Graid	Immber Engineering Timber Architecture	3 3 Woods based building systems 4 3 Woods based building systems 4 1 A Kritisctural potential of new wooder materials & schrologies 4 1 A Kritisctural potential of new wooder materials & schrologies 4 1 A Kritisctural potential of new wooder materials & schrologies 4 1 A Kritisctural potential of new wooder materials & schrologies 4 1 A Kritisctural potential of new wooder materials & schrologies 4 1 A Kritisctural potential of new wooder materials & schrologies 4 1 A Kritisctural potential of new wooder materials & schrologies 4 1 A Kritisctural potential of new wooder materials & schrologies 4 1 A Kritisctural potential of new wooder materials & schrologies 4 1 A Kritisctural potential of new wooder materials & schrologies 4 1 A Kritisctural potential of new wooder materials & schrologies 4 1 A Kritisctural potential of new wooder materials & schrologies	STUDY ON THE EVALUATION OF THE RESTRONNE FORCE CHARACTERISTICS OF FLOW OF TRADITIONAL WOODEN BUILDING IN NYOTO LADADICS TEST OF LAT SHARE WALL CONNECTED WITH STEEL AREA "THURSE COMPOSITE COLUMN DESIGNATION GITHER PRESS."  FULL SCALE LATERAL TESTING AND MODELLING OF BOULSTRAULZED THISBER FLAVRHAGES INCLUDING ONLY FRAMING AND NON-STRUCTURAL SHEATHING  BRILLING OF THAT STRUCTURAL PRINCIPAL PRINCIPAL PRINCIPAL SHEATHING SHEAR WALLS  COMPONENTS OF THE STRUCTURAL PRINCIPAL PRINCIPAL SHEATHING SHEAR WALLS  COMPONENTS OF THE STRUCTURAL PRINCIPAL PRINCIPAL SHEATHING SHEAR WALLS  COMPONENTS OF THE STRUCTURAL PRINCIPAL SHEATHING SHEAR WALLS  COMPONENTS OF THE SHEATH SHEATHING SHEATHING SHEAR WALLS  COMPONENTS OF THE SHEATH SHEATHING SHEATHING SHEAR WALLS  COMPONENTS OF THE SHEATH SHEATHING SHEATH
170	Vétir Hossell Covided Brugeri Brieder Brieder Brieder Brieder Em Pang Lasp and Pang Lasp and Pang Lasp and Rechard Arnold Sheine Lacomte De Mello Lager Lager Lacomte De Mello	Rongii Takumi Fernando Shane Craig Elisabetta Maria Matthias Obunide Chul-Ri Crostobil Grostobil	Timber Engineering Timber Architecture	3 9 Woods-based building systems 1 9 Woods-based building systems 4 1 A richtisctural potential of new wooden materials & technologies 4 1 A richtisctural potential of new wooden materials & technologies 4 1 A richtisctural potential of new wooden materials & technologies 4 1 A richtisctural potential of new wooden materials & technologies 4 1 A richtisctural potential of new wooden materials & technologies 4 1 A richtisctural potential of new wooden materials & technologies 4 1 A richtisctural potential of new wooden materials & technologies 4 1 A richtisctural potential of new wooden materials & technologies 4 1 A richtisctural potential of new wooden materials & technologies 4 1 A richtisctural potential of new wooden materials & technologies 4 1 A richtisctural potential of new wooden materials & technologies 4 1 A richtisctural potential of new wooden materials & technologies 4 1 A richtisctural potential of new wooden materials & technologies	STUDY ON THE EVALUATION OF THE RESTORNEY FORCE CHARACTERISTICS OF FLOOR OF TRADITIONAL WOODEN BUILDING IN NYOTO LADADIOR TEST OF CLT SHEAR WALL CONNECTED WITH THE ELBA — THARSE COMPOSITE COLUMN DESIGNATION GHICH PRESETY  FULL SCALE LATERAL TESTING AND MODELLING OF MOUSTRALIZED TIMESER DAVINERAGINS INCLUDING ONLY-FRAMING AND NON-STRUCTURAL SHEATHING  HIGHERY AULIST DOUBLING-LOW-CARRIES BUILDINGSTRUCTURES  BIFLUENCE OF PLASTERBOARD ON THE STRUCTURAL PERFORMANCE OF TIMESER FRAMED SHEAR WALLS  SEGMENTED COMPOSITE SECTIONS WITH WOOD DOWELS  SHEAR PERFORMANCE OF STRUCTURAL PARTICLERDANGS-SHEATHED DIGHT-FRAME WALLS  SHEAR PERFORMANCE OF STRUCTURAL PARTICLERDANGS-SHEATHED DIGHT-FRAME WALL  OPENINDENTIAL AND INJURIENCE, INVISITION OF THE MECHANICAL BEHAVIOUR OF LIGHT-FRAME WALL  OPENINDENTIAL AND INJURIENCE, INVISITION OF THE MECHANICAL BEHAVIOUR OF LIGHT-FRAME WALL  OPENINDENTIAL AND INJURIENCE, INVISITION OF THE MECHANICAL BEHAVIOUR OF LIGHT-FRAME WALL  OPENINDENTIAL AND INJURIENCE, INVISITION OF THE MECHANICAL BEHAVIOUR OF LIGHT-FRAME WALL  OPENINDENTIAL AND INJURIENCE, INVISITION OF THE MECHANICAL BEHAVIOUR OF LIGHT-FRAME WALL  OPENINDENTIAL AND INJURIENCE
170	Vétir Hossell Cowled Buggeri Brieder B	Rongii Talsarni Fernando Shane Craig Grissbetta Maria Montolini Grissbetta Maria Montolini Grissbetta Maria Montolini Graid Gr	Immber Engineering Timber Anchitecture	3 0 Woods based building systems 4 0 Woods based building systems 4 1 A Kritiscural potential of new wooden materials & technologies 4 1 A Kritiscural potential of new wooden materials & technologies 4 1 A Kritiscural potential of new wooden materials & technologies 4 1 A Kritiscural potential of new wooden materials & technologies 4 1 A Kritiscural potential of new wooden materials & technologies 4 1 A Kritiscural potential of new wooden materials & technologies 4 1 A Kritiscural potential of new wooden materials & technologies 4 1 A Kritiscural potential of new wooden materials & technologies 4 1 A Kritiscural potential of new wooden materials & technologies 4 1 A Kritiscural potential of new wooden materials & technologies 4 1 A Kritiscural potential of new wooden materials & technologies 4 1 A Kritiscural potential of new wooden materials & technologies 4 1 A Kritiscural potential of new wooden materials & technologies 4 1 A Kritiscural potential of new wooden materials & technologies 4 1 A Kritiscural potential of new wooden materials & technologies 4 1 A Kritiscural potential of new wooden materials & technologies 4 1 A Kritiscural potential of new wooden materials & technologies	STUDY ON THE EVALUATION OF THE RESTRONNE FORCE CHARACTERISTICS OF FLORE OF TRADITIONAL WOODEN BUILDING IN NYOTO LADADICS TEST OF LAT-SHAR WALL CONNECTED WITH STEEL AREA "THURSE COMPOSITE COLUMN DESIGNATION GITHER PRESS."  FULL SCALE LATERAL TESTING AND MODELLING OF BOUSTRALUZED THISRER FLORANGES INCLUDING ONLY-FRAMING AND NON-STRUCTURAL SHEATHING  HIGHERY COLUMNS ON THE STRUCTURAL PERCENNANCE OF THISRER FRAMED SHEAR WALLS  EXCELLINE OF THATEBOORD ON THE STRUCTURAL PERCENNANCE OF THISRER FRAMED SHEAR WALLS  EXCELLINE COMPOSITE SECTIONS WITH WOOD DOZIES.  SECRETARY CONTROLLED AND THE STRUCTURAL PERCENNANCE OF THISRER FRAME SHEARWALLS WITH DIAGONAL BOARD SHEATHING  PERCENTAGE SECRETARY OF STRUCTURAL PRINCIPLOR OF THE SHEAR SHEARWALLS WITH DIAGONAL BOARD SHEATHING  PERCENTAGE SECRETARY OF STRUCTURAL PRINCIPLOR OF THE SHEAR SHEARWALLS WITH DIAGONAL BOARD SHEATHING  PERCENTAGE SECRETARY OF STRUCTURAL PRINCIPLOR OF THE SHEAR SHEARWALLS WITH DIAGONAL BOARD SHEATHING  PERCENTAGE SECRETARY OF SHEAR SHEARWALLS WITH DIAGONAL BOARD SHEATHING  PERCENTAGE SECRETARY OF THE SHEAR SHEARWALLS WITH DIAGONAL BOARD SHEATHING  PERCENTAGE SECRETARY OF THE SHEAR SHEARWALLS WITH DIAGONAL BOARD SHEATHING  USAGE OF A BAMBOO HONEVOND STRUCTURE (COMBOO) IN THIS ER RACHIFECTURE  USAGE OF A BAMBOO HONEVOND STRUCTURE (COMBOO) IN THIS ER RACHIFECTURE  USAGE OF A BAMBOO HONEVOND STRUCTURE (COMBOO) IN THIS ER RACHIFECTURE  STRUCTOR SHEAT SHEAR SHEAR SHEARWALL SHEAR SHEARWALLS WITH DIAGONAL BOARD SHEATHING  PERSONAGE OF LIFE THE LATTER HINGE OF DIAGONAL AUMINITY TO THE RELEBENTS  WAS TIMBE PRINCIPLE OF ORDING AUMINITY TO THE RELEBENTS  WAS TIMBE PRINCIPLE OF WORLD SHEATH AND CORREST RECEIVED FOR THE SHEAR SHEARWALL SHEAR SHEARWALLS  SECONAL STRUCTURE OF THE LATTER HINGE OF DIAGONAL AUMINITY TO THE RELEBENTS  WAS TIMBE PRINCIPLE OF WORLD SHEAR SHEAR SHEAR THE SHEAR SHEARWALLS WITH THE SHEAR SHEARWALLS WITH THE SHEAR SH
170	Vétir Hossell Covided Brugeri Brieder Brieder Brieder Brieder Em Pang Lasp and Pang Lasp and Pang Lasp and Rechard Arnold Sheine Lacomte De Mello Lager Lager Lacomte De Mello	Rongii Takumi Fernando Shane Craig Elisabetta Maria Matthias Obunide Chul-Ri Crostobil Grostobil	Timber Engineering Timber Anchitecture	3 9 Woods-based building systems 1 9 Woods-based building systems 4 1 A richtisctural potential of new wooden materials & technologies 4 1 A richtisctural potential of new wooden materials & technologies 4 1 A richtisctural potential of new wooden materials & technologies 4 1 A richtisctural potential of new wooden materials & technologies 4 1 A richtisctural potential of new wooden materials & technologies 4 1 A richtisctural potential of new wooden materials & technologies 4 1 A richtisctural potential of new wooden materials & technologies 4 1 A richtisctural potential of new wooden materials & technologies 4 1 A richtisctural potential of new wooden materials & technologies 4 1 A richtisctural potential of new wooden materials & technologies 4 1 A richtisctural potential of new wooden materials & technologies 4 1 A richtisctural potential of new wooden materials & technologies 4 1 A richtisctural potential of new wooden materials & technologies	STUDY ON THE EVALUATION OF THE RESTORNEY FORCE CHARACTERISTICS OF FLOOR OF TRADITIONAL WOODEN BUILDING IN NYOTO LADADIOR TEST OF CLT SHEAR WALL CONNECTED WITH THE ELBA — THARSE COMPOSITE COLUMN DESIGNATION GHICH PRESETY  FULL SCALE LATERAL TESTING AND MODELLING OF MOUSTRALIZED TIMESER DAVINERAGINS INCLUDING ONLY-FRAMING AND NON-STRUCTURAL SHEATHING  HIGHERY AULIST DOUBLING-LOW-CARRIES BUILDINGSTRUCTURES  BIFLUENCE OF PLASTERBOARD ON THE STRUCTURAL PERFORMANCE OF TIMESER FRAMED SHEAR WALLS  SEGMENTED COMPOSITE SECTIONS WITH WOOD DOWELS  SHEAR PERFORMANCE OF STRUCTURAL PARTICLERDANGS-SHEATHED DIGHT-FRAME WALLS  SHEAR PERFORMANCE OF STRUCTURAL PARTICLERDANGS-SHEATHED DIGHT-FRAME WALL  OPENINDENTIAL AND INJURIENCE, INVISITION OF THE MECHANICAL BEHAVIOUR OF LIGHT-FRAME WALL  OPENINDENTIAL AND INJURIENCE, INVISITION OF THE MECHANICAL BEHAVIOUR OF LIGHT-FRAME WALL  OPENINDENTIAL AND INJURIENCE, INVISITION OF THE MECHANICAL BEHAVIOUR OF LIGHT-FRAME WALL  OPENINDENTIAL AND INJURIENCE, INVISITION OF THE MECHANICAL BEHAVIOUR OF LIGHT-FRAME WALL  OPENINDENTIAL AND INJURIENCE, INVISITION OF THE MECHANICAL BEHAVIOUR OF LIGHT-FRAME WALL  OPENINDENTIAL AND INJURIENCE
170	Véliz Hossell Cowled Rougeri Brieder Frapa Camo Pang Loth Néton Prechand Arnold Arnold Arnold Arnold Arnold Lecomte De Mello Lecomte De Mello Becker Lager Locomte De Mello Becker Brieder Bried	Rongii Takumi Fernando Shane Craig Elisabetta Maria Matthias Obniele Chul-Ri Crostobel Grostobel	Timber Engineering Timber Anchitecture	3 9 Woods-based building systems 9 9 Woods-based building systems 1 9 Woods-based building systems 1 9 Woods-based building systems 1 4 A richticktural potential of new wooder materials & technologies 4 1 A richticktural potential of new wooder materials & technologies 4 1 A richticktural potential of new wooder materials & technologies 4 1 A richticktural potential of new wooder materials & technologies 4 1 A richticktural potential of new wooder materials & technologies 4 1 A richticktural potential of new wooder materials & technologies 4 1 A richticktural potential of new wooder materials & technologies 4 1 A richticktural potential of new wooder materials & technologies 4 1 A richticktural potential of new wooder materials & technologies 4 1 A richticktural potential of new wooder materials & technologies 4 1 A richticktural potential of new wooder materials & technologies 4 1 A richticktural potential of new wooder materials & technologies 4 1 A richticktural potential of new wooder materials & technologies 4 1 A richticktural potential of new wooder materials & technologies 4 1 A richticktural potential of new wooder materials & technologies 4 1 A richticktural potential of new wooder materials & technologies 4 1 A richticktural potential of new wooder materials & technologies 4 1 A richticktural potential of new wooder materials & technologies 4 1 A richticktural potential of new wooder materials & technologies 4 1 A richticktural potential of new wooder materials & technologies 4 1 A richticktural potential of new wooder materials & technologies 4 1 A richticktural potential of new wooder materials & technologies 4 1 A richticktural potential of new wooder materials & technologies 4 1 A richticktural potential	STUDY ON THE EVALUATION OF THE RESTORNEY FORCE CHARACTERISTICS OF FLORE OF TRADITIONAL WOODEN BUILDING IN NYOTO LADANIST STEE OF SHEAR WALL CONNECTED WITH STEEL BASE —THURSE COMPOSITE COLUMN DESIGNATION GIFTHER REPORT FULL SCALE LATERAL TESTING AND MODELLING OF ROUSETRALIZED TIMESE PARACHES NULLURING CONLY-FRAMING AND NON-STRUCTURAL SHEATHING  BIFLUENCE OF PLASTERBOARD ON THE STRUCTURAL PERFORMANCE OF TIMESE-FRAMED SHEAR WALLS  SEGMENTED COMPOSITE SECTIONS WITH WOOD DOWELS  SEGMENTED COMPOSITE SECTIONS WITH WOOD DOWN TOWN THE SECTION OF THE WOOD DOWN TOWN THE SECTION OF THE WOOD DOWN TOWN THE WOOD THE WOOD DOWN TOWN THE WOOD THE WOOD TOWN TOWN THE WOOD TOWN TOWN THE WOOD TOWN TOWN THE WOOD TOWN TOWN THE WOOD TOWN THE WOOD TOWN TOWN THE WOOD TOWN TOWN THE WOOD TOWN THE WOOD TOWN THE WOOD TOWN TOWN THE WOOD TOWN THE WOOD TOWN TOWN THE WOOD TOWN THE WOOD TOWN THE WOOD TOWN TOWN THE WOOD TOWN TOWN THE WOOD TOWN THE WOOD TOWN TOWN THE WOOD TOWN TOWN THE WOOD TOWN THE WOOD T
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170	Vetiz Hossell Cowled Rosell Rosell Rosell Briceler Rosell	Rongii Takunni Fernando Shane Grig Gilsbetta Maria Matthius Deniede Grig Grig Grig Grig Grig Grig Grig Grig	Immber Engineering Timber Anchiecture	3 Woods-based building systems 4 Konticutaria potential of new wooden materials & technologies 4 A Architectural potential of new wooden materials & technologies 4 A Architectural potential of new wooden materials & technologies 4 A Architectural potential of new wooden materials & technologies 4 A Architectural potential of new wooden materials & technologies 4 A Architectural potential of new wooden materials & technologies 4 A Architectural potential of new wooden materials & technologies 4 A Architectural potential of new wooden materials & technologies 4 A Architectural potential of new wooden materials & technologies 4 A Architectural potential of new wooden materials & technologies 4 A Architectural potential of new wooden materials & technologies 4 A Architectural potential of new wooden materials & technologies 4 A Architectural potential of new wooden materials & technologies 4 A Architectural potential of new wooden materials & technologies 4 A Architectural potential of new wooden materials & technologies 5 A Architectural potential of new wooden materials & technologies 5 A Architectural potential of new wooden materials & technologies 5 A Architectural potential of new wooden materials & technologies 5 A Architectural potential of new wooden materials & technologies 5 A Architectural potential of new wooden materials & technologies 6 A Architectural potential of new wooden materials & technologies 6 A Architectural potential of new wooden materials & technologies 7 A Technologies 8 A Architectural potential of new wooden materials & technologies 9 A Integration of parametric architectural design & CKC manufacturing 9 A Integration o	ALLONDOR THE EVALUATION OF THE RESTORING FORCE CHARACTERISTICS OF FLORE OF TRADFORMAL WOODEN BUILDINGS IN NYOTO LADANICE THE CAT SHEAR WALL COMMERCE OWN THIS ELEA — THURBER COMPOSITE COLUMN DESIGNATION SHICH PRESENT FULL SCALE LATERAL TESTING AND MODELLING OF BOUSTRALUZED THERE PLANFAGMS INCLUDING CONLY-FRAMING AND NON-STRUCTURAL SHEATHING  BIFLUENCE OF PLASTERIOLAGO ON THE STRUCTURAL PERFORMANCE OF THREE PRAMED SHEAR WALLS  BUFFLIENCE OF PLASTERIOLAGO ON THE STRUCTURAL PERFORMANCE OF THREE PRAMED SHEAR WALLS  SECRETURE COMPOSITE SECTIONS WITH WOOD DOWNS  SECRETURE CONTROL ON THE STRUCTURAL PERFORMANCE OF THREE PRAMED SHEAR WALLS  SECRETURE COMPOSITE SECTIONS WITH WOOD DOWNS  SECRETURE COMPOSITE SECTIONS WITH WOOD DOWNS  WERE PROPERLY OF THE SHEAR WALLS CONTROL OF THE MECHANICAL BEHAVIOUR OF LIGHT-PRAME THREE SHEARWALLS WITH DIAGONAL BOARD SHEATHING  WERE PROPERLY OF A BRIDNE SHEAR WALLS  WITH SHEAR WALLS OF THE SHEAR WALLS CONTROL OF THE MECHANICAL BEHAVIOUR OF LIGHT-PRAME THREE SHEARWALLS WITH DIAGONAL BOARD SHEATHING  WERE PROPERLY OF A BRIDNE SHEAR WALLS WERE AND SHEAR WALLS  WITH SHEAR WALLS WALLS AND SHEAR SHEAR SHEAR WALLS  WITH SHEAR WALLS WALLS AND SHEAR SHEAR SHEAR WALLS  WITH SHEAR WALLS WALLS AND SHEAR SHEAR SHEAR WALLS  WITH SHEAR SHEAR SHEAR SHEAR SHEAR SHEAR SHEAR SHEAR WALLS  WITH SHEAR SH
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170 Takum Suyama 188 Ferrando Vilit 189 Ferrando Vilit 180 Ferrando Vilit 120 Shane Hossell 250 Cnig Cowled 258 Giuseppe D'Arento 181 Marthias Brinden 181 Daniele Casagrande 181 Daniele Casagrande 181 Daniele Casagrande 182 Chul-R Kim 187 Actives Loth 181 Daniele Casagrande 181 Payton Narancic 183 Judish Sheine 183 Judish Sheine 183 Judish Sheine 183 Judish Sheine 183 Harrison Huang 186 Markat Lager 187 Roberto Lecomte De Mello 185 Roberto Lecomte De Mello 181 Wolfgang Schwarzmann 181 Wolfgang Schwarzmann 181 Cory Olean 182 Gee Heon Kim 183 Rocardo Pinetei 183 Rocardo Pinetei 184 Wolfgang Schwarzmann 185 Sebastian Svension Meumann 185 Sebastian Svension Meumann 185 Sebastian Svension Meumann 185 Sebastian Svension Meumann 185 Delhong Lu 186 Siris Grothuber 180 Nicolas Giren 180 Boris Fonthuber	Veitz Hossell Cowled Rosell Rosell Rosell Brieder Brieder Rosell	Rongii Taturni Fernando Shane Grig Gilsbetta Maria Matthiss Deniede Grig Grig Grig Grig Grig Grig Grig Grig	Immber Engineering Timber Anderstell	3 9 Woods-based building systems 4 1 A richitectural potential of new wooden materials & technologies 4 1 A richitectural potential of new wooden materials & technologies 4 1 A richitectural potential of new wooden materials & technologies 4 1 A richitectural potential of new wooden materials & technologies 4 1 A richitectural potential of new wooden materials & technologies 4 1 A richitectural potential of new wooden materials & technologies 4 1 A richitectural potential of new wooden materials & technologies 4 1 A richitectural potential of new wooden materials & technologies 4 1 A richitectural potential of new wooden materials & technologies 4 1 A richitectural potential of new wooden materials & technologies 4 1 A richitectural potential of new wooden materials & technologies 4 1 A richitectural potential of new wooden materials & technologies 4 1 A richitectural potential of new wooden materials & technologies 4 1 A richitectural potential of new wooden materials & technologies 4 1 A richitectural potential of new wooden materials & technologies 4 1 A richitectural potential of new wooden materials & technologies 4 1 A richitectural potential of new wooden materials & technologies 5 1 Richitectural potential of new wooden materials & technologies 5 1 Richitectural potential of new wooden waterials & technologies 5 1 Richitectural potential of new wooden waterials & technologies 5 1 Richitectural potential of new wooden waterials & technologies 5 1 Richitectural potential of new wooden waterials & technologies 5 1 Richitectural potential of new wooden materials & technologies 5 1 Richitectural potential of new wooden materials & technologies 5 1 Rich	ALLADORIC STOT OF THE EXPLAINATION OF THE RESTORNIC FORCE CHARACTERISTICS OF FLOOR OF TRADITIONAL WOODEN BUILDINGS IN NOTO LADANIC STOT OF CAT SHARE WALL CONNECTED WITH STEEL BASE AT THIS RESTORATION GIVEN FREEDY FULL SCALE LATERAL TESTING AND MODELLING OF BOUSTRALUZED TIMERE PLANFAGMS INCLUDING COUNTY-FRAMING AND NON-STRUCTURAL SHEATHING  INFLUENCE OF PLASTERBOARD ON THE STRUCTURAL PERFORMANCE OF TIMERE PRAMED SHEAR WALLS  GENERALIZED ON THE STRUCTURAL PERFORMANCE OF TIMERE PRAMED SHEAR WALLS  SECRETURE CONTROL THE STRUCTURAL PERFORMANCE OF TIMERE PRAMED SHEAR WALLS  SECRETURE CONTROL THE STRUCTURAL PERFORMANCE OF THE PRAME SHEAR WALLS  SECRETURE CONTROL THE STRUCTURAL PERFORMANCE OF THE PRAME SHEAR WALLS  SECRETURE CONTROL THE STRUCTURAL PERFORMANCE OF THE PRAME THE SHEAR WALLS  SECRETURE CONTROL THE SHEAR WALLS CONTROL THE SHEAR WALLS  SECRETURE CONTROL THE SHEAR WALLS CONTROL THE SHEAR WALLS  SECRETURE CONTROL THE SHEAR WALLS CONTROL THE SHEAR WALLS  SECRETURE CONTROL THE SHEAR WALLS CONTROL THE SHEAR WALLS  SECRETURE CONTROL THE SHEAR WALLS CONTROL THE SHEAR WALLS  SECRETURE CONTROL THE SHEAR WALLS CONTROL THE SHEAR WALLS  WAS ASSESSED THE SHEAR WALLS CONTROL THE SHEAR WALLS  WAS THE SHEAR WALLS WALLS AND THE SHEAR WALLS  USAGE OF A BAMBOO HON-TOOM STRUCTURE (COMBOO) IN TIMES ARCHITECTURE CHALLENGS AND OPPORTUNITES  WAS TIMED PRINCIPLE OF THE LATTER HINGE MET HIND OF DIAGONAL AUMBING TO PRINCIPLE AND THE SHEAR WALLS  WAS TIMED PRINCIPLE WALLS OF THE SHEAR WALLS OF THE SHEAR WALLS WALLD AND THE SH
170	Vetier Hospell Hospell Lower Hospell H	Rongii Takumi Fernando Shane Craig Elisabetta Maria Matthias Obniele Chul-Ri Crottobel Grottobel Wecklang Andress Andr	Immber Engineering Timber Anchitecture Timber Architecture	3 9 Woods based building systems 9 Woods building systems 9 Woods based building systems 9 Woods based building systems 9 Woods Building systems 9 Building systems S Building skins 9 Building systems For building process and operation 14 Sensor systems for building process and operation	ALCOROGET STOR OF THE EXPLAINATION OF THE RESTORME FORCE CHARACTERISTICS OF FLOWER OF TRADITIONAL WOODEN BUILDING IN NOTIO  LADORIGET STOR OF SHEAR WALL GONCEPTED WITH STEEL AREA —THURSE COMPOSITE GOLUMIN DESIGNATION GRIDNER SHEAR WALLS  SHEAR SHEAR SHEAR SHEAR SHEAR SHEAR SHEAR SHEAR SHEAR WALLS  SHEAR SHEAR SHEAR SHEAR SHEAR SHEAR SHEAR SHEAR WALLS  SHEAR SHEAR SHEAR SHEAR SHEAR SHEAR SHEAR SHEAR WALLS  SHEAR SHEAR SHEAR SHEAR SHEAR SHEAR SHEAR SHEAR WALLS  SHEAR SHEAR SHEAR SHEAR SHEAR SHEAR SHEAR SHEAR WALLS  SHEAR SHEAR SHEAR SHEAR SHEAR SHEAR SHEAR SHEAR SHEAR WALLS  SHEAR SH

43 Horly LUZOLO NSUMBU	NSUMBU	Horly LUZOLO		4.5 New design practice and building systems	Development of a new type of building in tropical regions based on the energetic performance and recovery of recycled wood
156 Camilla Schlyter	Schlyter	Camilla	Timber Architecture	4.5 New design practice and building systems	USING CO-DESIGN AND PROCESS DATA FOR DEVELOPING A NEW WOODEN FAÇADE SYSTEM
388 Puxi Huang	Meng	Yiping		4.5 New design practice and building systems	MODULE COORDINATION FOR MAXIMUM ARCHITECTURAL FLEXIBILITY IN MODULAR TIMBER SCHOOL PROJECT
504 Marius Nygaard	Nygaard	Marius		4.5 New design practice and building systems	A Design Framework for Timber Building Systems
647 Gerardo Armanet	Armanet	Gerardo		4.5 New design practice and building systems	TAMANGO BUILDING: TYPOLOGICAL EXPLORATION FOR A HIGH-RISE DWELLING BUILDING LOCATED IN A SEISMIC AREA, BASED ON HYBRID WOOD AND CONCRETE STRUCTURES.
654 Sebastian Carcamo	Carcamo	Sebastian	Timber Architecture	4.5 New design practice and building systems	Morphologic Study of Hybrid Tall Building Towards an Interdisciplinary Design
830 Hana Svatoš-Ražnjević	Svatoš-Ražnjević	Hana		4.5 New design practice and building systems	TOWARDS DESIGN FLEXIBILITY AND FREEDOM IN MULTI-STOREY TIMBER CONSTRUCTION: ARCHITECTURAL APPLICATIONS OF A NOVEL, ADAPTIVE HOLLOW SLAB BUILDING SYSTEM
387 Manuel Sánchez-Solís	Sánchez-Solís	Manuel Martin		4.6 Use of timber in transport sector (bridges, airports, harbours)	Neby bru: one footway, three ways of sustainability An NISGHT INTO THE DEVELOPMENT OF TIMBER BRIDGES IN NORWAY AND SWEDEN  AN INSGHT INTO THE DEVELOPMENT OF TIMBER BRIDGES IN NORWAY AND SWEDEN
497 Martin Cepelka	Cepelka Dahl	Kristian		4.6 Use of timber in transport sector (bridges, airports, harbours)	
765 Kristian Dahl 22 Hina Takizawa	Takizawa	Hina		4.6 Use of timber in transport sector (bridges, airports, harbours) 4.7 Exploration & restoration of existing structures	Skytebanen bridge - a timber bridge with concrete deck    In-plane Shear Fst and Application Study of Seismic Retrofit Timber Frame with CFRTP Strands
24 Mislav Stepinac	Stepinac	Mislav		4.7 Exploration & restoration of existing structures	nerpaine area in application study or session, rections similar with Center 3 and its account similar with C
27 Hiroki Yoshinuma	Yoshinuma	Hiroki		4.7 Exploration & restoration of existing structures 4.7 Exploration & restoration of existing structures	Using OF WIGHT AND CHARACTERISTICS OF EXISTING TIMBER ARCHITECTURE BY MICROTREMOR MEASUREMENT-EXAMINATION WHEN IT IS DIFFICULT TO INSTALL AN ACCELEROMETER IN THE ATTIC-
52 Wataru Kambe	Kambe	Wataru		4.7 Exploration & restoration of existing structures	DEVELOPMENT OF SIMPLE REPARING HARDWARE FOR DAMRGED ENDS OF WOODEN BEARING WALLS
76 Kohei Komatsu	Komatsu	Kohei		4.7 Exploration & restoration of existing structures	STUDY ON THE MECHANICAL PERFORMANCEOF MULTI-LAYERED BRACKET COMPLEX
224 Josè Faria	Faria	Josè		4.7 Exploration & restoration of existing structures	METHODOLOGY OF REHABILITATION OF TIMBER STRUCTURES INHISTORICAL BUILDINGS
228 Rafael Novais Passarelli	Novais Passarelli	Rafael	Timber Architecture	4.7 Exploration & restoration of existing structures	HARVESTING THE URBAN FOREST: A CASE STUDY OF THE CIRCULAR BUILDING SEMINAR AT UHASSELT IN BELGIUM
276 Zherui Li	Li	Zherui		4.7 Exploration & restoration of existing structures	EXPERIMENTAL STUDY ON LATERAL PERFORMANCE OF A FRAME WITH DEEP BEAMS AND HANGING MUD WALLS IN TRADITIONAL JAPANESE RESIDENTIAL HOUSES
291 Sascha Schwendner	Schwendner	Sascha	Timber Architecture	4.7 Exploration & restoration of existing structures	Assessment of nailed connections in existing structures
292 Sascha Schwendner	Schwendner	Sascha	Timber Architecture	4.7 Exploration & restoration of existing structures	Testing of connections taken from old nailed roof trusses
324 Michele Mirra	Mirra	Michele	Timber Architecture		INFLUENCE OF MOISTURE CONTENT ON THE ASSESSMENT OF DECAY LEVELS BY MICRO-DRILLING MEASUREMENTS IN WOODEN FOUNDATION PILES
336 Daisuke SHIMIZU	Shimizu	Daisuke		4.7 Exploration & restoration of existing structures	A STUDY ON COORDINATED EXPRESSION OF THE SEISMIC DIAGNOSIS SCORE AND ITS APPLICATION TO RETROFIT REINFORCEMENT PROJECTS UNDER COST CONTROL FOR JAPANESE TIMBER HOUSES
400 Hans Drexler	Drexler	Hans		4.7 Exploration & restoration of existing structures	MONO-MATERIAL TIMBER CONSTRUCTION RE-INVENTION OF PRESS-FIT TIMBER CONSTRUCTIONS
401 Nelson Brito	Brito	Nelson		4.7 Exploration & restoration of existing structures	SCALING UP ENGINEERED TIMBER FOR NEIGHBOURHOOD SCALE DEEP RENOVATION: FINDINGS FROM A STUDY IN COIMBRA, PT
410 Jaemo Cho	Cho	Jaemo		4.7 Exploration & restoration of existing structures	Modification of Roof structure of the Traditional wood houses in the Urban area of Daegu, Korea during mid twentieth century
438 Wendy Wuyts	Wuyts	Wendy		4.7 Exploration & restoration of existing structures	Reuse of Wood, learning through action research in Norway about costs, benefits and risks of high tech and low tech technologies in the different stages
496 Jeonghyun Kim 600 Yasuhiro Nambu	Kim Nambu	Jeonghyun		4.7 Exploration & restoration of existing structures	hybridization of Western Timber Truss and Traditional Korean Roof Shape in the Early 20th Century  Seismic Performance Evaluation of a Traditional Korean Roof Shape in the Tarity County Count
613 Kangmin Lee	Lee	Yasuhiro Kangmin		4.7 Exploration & restoration of existing structures 4.7 Exploration & restoration of existing structures	Seismic Performance Evaluation of a Traditional Wooden fownhouse that did not Collapse in the 2016 Kumamoto Earthquake Development of Timber Roof Frames in Korean Modern Architecture  The Commission of the Conference of Timber Roof Frames in Korean Modern Architecture  The Commission of the Conference of Timber Roof Frames in Korean Modern Architecture
631 María Pilar Giraldo	Giraldo	Maria Pilar		4.7 Exploration & restoration of existing structures 4.7 Exploration & restoration of existing structures	Development of I imber Roof Frames in Korean Modern Architecture  COMBINATION OF NDT AND DESTRUCTIVE TESTS FOR GRADING THE STRENGTH CLASS OF TIMBER TO REHABILITATE STRUCTURES
633 Manabu Fujimoto	Fujimoto	Manabu		4.7 Exploration & restoration of existing structures 4.7 Exploration & restoration of existing structures	Commission of NOT AND DESIRCLIVE TESTS FOR GRADING THE STRENG IT LLSS OF IMPORT TO THE STRENG
801 Dibya Kusyala	Kusyala	Dibya		4.7 Exploration & restoration of existing structures 4.7 Exploration & restoration of existing structures	Inte Present State and issues on necroniting or historic limber-Prained arick Construction Buildings in Japan FFRROCFENTA WOODEN HOUSE FOR POST-DISASTER HOUSING FFRROCFENTA WOODEN HOUSING FFROCFENTA WOODEN HOUSING FFRROCFENTA WOODEN HOUSING FFRROCFENTA WOODEN HOUSING FFRROCFFRROCFFRROCFFRROCFFRROCFFRROCFFRROCFFRROCFFROCFFRROCFFRROCFFRROCFFRROCFFRROCFFRROCFFRROCFFRROCFFRROCFFRROCFFR
187 Jens Frohnmüller	Frohnmüller	Jens		5.1 Best practice examples	PERIODICEMENT WOODED TRIBERS FOR POST-POST-POST-POST-POST-POST-POST-POST-
571 Jacopo Zanni	Zanni	Jacopo			ADDITIONAL OF THE PROPERTY OF
592 Alain Bradette	Bradette	Alain		5.1 Best practice examples	BUILDING WITH WOOD STRUCTURES – SUCESSIUL DESIGN PROCESS
825 Eduardo Rojas Briales	Khawam	Hilary	Implementation	5.1 Best practice examples	CAN RISING DEMAND FOR TIMBER IN CONSTRUCTION ACCELERATE DEFORESTATION?
57 Harald Liven	Liven	Harald		5.2 Case studies and visions	Migstärnet: The world's tallest timber building
113 Marcus Strang	Strang	Marcus		5.2 Case studies and visions	Validating moisture-safe energy efficient CLT assemblies in hot and humid climates using experimental testing
120 Elias Mohr Wilson	Yoon	Mai	Implementation	5.2 Case studies and visions	NEW HQ COPENHAGEN A NEW STANDARD FOR SUSTAINABLE BUILDINGS IN AN INTERNATIONAL CORPORATION
149 Kazuki Tsuda	Tsuda	Kazuki		5.2 Case studies and visions	A WORKABILITY AND SUSTAINABILITY ASSESSMENT OF MULTI-STOREY EARTHQUAKE-RESISTANT TIMBER BUILDING
155 Camilla Schlyter	Schlyter	Camilla		5.2 Case studies and visions	COMPUTATIONAL DESIGN DEVELOPMENT OF WOODEN FACADE SYSTEM
163 Charline Lefèvre	Néron	Laurane	Implementation	5.2 Case studies and visions	Study case : Refurbishment of the Gare Maritime in Brussels
202 Laurent Giampellegrini	Giampellegrini	Laurent	Implementation	5.2 Case studies and visions	WIDE-SPAN LVL ROOF STRUCTURE FOR AN INDOOR SWIMMING POOL
221 Laurent Giampellegrini	Giampellegrini	Laurent		5.2 Case studies and visions	DESIGN OF A TALL MASS TIMBER TOWER FOR WIND-INDUCED ACCELERATIONS FOR OCCUPANY COMFORT
245 Caya Zernicke	Zernicke	Caya		5.2 Case studies and visions	WEB-GIS-TOOL: ESTIMATION OF GREENHOUSE GAS SAVINGS DUE TIMBER USE IN THE URBAN BUILT ENVIRONMENT
253 Alvdis Hardeng	Hardeng	Alvdis		5.2 Case studies and visions	BUILDING INFORMATION MODELING OF A TIMBER BRIDGE – A CASE STUDY
320 Rune Johnsen	Tønne	Julia Bosnes		5.2 Case studies and visions	The BV2020 solution - going big with light timber structures
328 Alexander Pogoreltsev	Pogoreltsev	Alexander	Implementation	5.2 Case studies and visions	LARGE-SPAN LAMINATED TIMBER STRUCTURES WITH BENDED AND COMPRESSION-BENDED JOINTS ON GLUED-IN REBARS PERFORMED ON THE ASSEMBLY
398 Carlito Calil Neto	Calil Neto	Carlito		5.2 Case studies and visions	NLT DEVELOPMENT FOR BRAZILLAN MARKET - TESTS AND USE THE RIST MASSEY THINDER BUILDING IN BRAZIL  THE RIST MASSEY THINDER BUILDING IN BRAZIL
399 Carlito Calil Neto 411 Carl Larsson	Calil Neto Larsson	Carlito		5.2 Case studies and visions 5.2 Case studies and visions	THE HIST MASSIVE IMBRER BUILDING IN BRAZIL.  A SURVEY OF THE DESIGN OF THIMBRE-CONCRETE HYBRID BUILDINGS  THE HIST MASSIVE IMBRER CONCRETE HYBRID BUILDINGS
418 Carla Dickof	Dickof	Carla		5.2 Case studies and visions	A SURVEY OF THE DESIGN OF THIS PROCEDURE THE PROPERTY OF THE PROPERTY OF THE DESIGN OF THIS PROPERTY OF THE DESIGN OF
456 Katie Overton	Overton	Katie		5.2 Case studies and visions	HUT - INDOOR CLIMBING CENTRES SKEN. NORWAY
458 Katie Overton	Overton	Katie		5.2 Case studies and visions	TOTAL
488 Yutaka Goto	Goto	Yutaka		5.2 Case studies and visions	SCONOMIC COMPARISON OF MASS TIMBER AND CONCRETE CONSTRUCTION IN THE NORDIC REGION
503 Sigurdur Gunnarsson	Skotheimsvik	Tim		5.2 Case studies and visions	THE BENEFITS AND CHALLENGES OF WOOD IN HIGH CORROSIVE SURROUNDINGS
515 Aku Aspila	Aspila	Aku		5.2 Case studies and visions	Suitability of slim-floor steel-timber composites as intermediate floor constructions - a case study based on projects in Finland
519 Sangyeon Park	Park	Sangyeon			The relations in the Planar and Sectional Scales and Kan Composition of Traditional Korean Architecture
547 Carlos Kahler	Poblete	Pamela		5.2 Case studies and visions	Comparative study of construction systems of single-family houses according to construction cost using structural wood and other materials
549 Jamie Pobre Sullivan	Pobre Sullivan	Jamie			
553 Tyler Hull	Hull		Implementation	5.2 Case studies and visions	Case Studies in the Next Generation of Point-Supported CLT Structures
I see by a second		Tyler		5.2 Case studies and visions 5.2 Case studies and visions	Case Study on a Large-Scale Timber Academic Building Designed to Address Current Industry Challenges
588 Johan Vessby	Vessby	Tyler Johan	Implementation		Case Study on a Large-Scale Timber Academic Building Designed to Address Current Industry Challenges  LOAD LEVELS AND CRITICAL DESIGN ISSUES IN A MULTI-STOREY RESIDENTIAL TIMBER BUILDING BUILT UP BY PREFABRICATED VOLUMETRIC ELEMENTS
668 Alexandros Kitriniaris	Vessby Kitriniaris	Tyler Johan Alexandros	Implementation Implementation Implementation	5.2 Case studies and visions 5.2 Case studies and visions 5.2 Case studies and visions	Case Study on a Large-Scale Timber Academic Building Designed to Address Current Industry Challenges  LOAD LEVES. AND CRITICAL DESIGN SSUES IN A MULTI-STOREY RESIDENTIAL TIMBER BUILDING BUILD UP BY PREFABRICATED VOLUMETRIC ELEMENTS  EUPPROBRIE: MASS TIMBER STADIUM
668 Alexandros Kitriniaris 712 Davide Tanadini	Vessby Kitriniaris Tanadini	Tyler Johan Alexandros Davide	Implementation Implementation Implementation Implementation	5.2 Case studies and visions	Case Study on a Large-Scale Timber Academic Building Designed to Address Current Industry Challenges  LODAL ENERS AND GENTIAL DESIGN SEXES AN AULTI-STORE RESIDENTIAL TIMBER BUILDING BUILT UP BY PREFABBICATED VOLUMETRIC ELEMENTS  ELIPHORISM: MASS TIMBER STADIUM  PLATE DISSON OF BESTORE HITSELDCINNG TIMBER-TO-TIMBER CONNECTIONS FOR AUTOMATIC ASSEMBLY
668 Alexandros Kitriniaris 712 Davide Tanadini 752 Brendan Fitzgerald	Vessby Kitriniaris Tanadini Fitzgerald	Tyler Johan Alexandros Davide Brendan	Implementation Implementation Implementation Implementation Implementation	5.2 Case studies and visions	Case Study on a Large-Scale Timber Academic Building Designed to Address Current Industry Challenges  ADDA LENES AND CENTRAL DESIGN SSUES IN A MULTI-STOREY RESIDENTIAL TIMBER BUILDING BULLT UP BY PREFABRICATED VOLUMETRIC ELEMENTS  EUPHORBIA: MASS TIMBER STADILM  PLASTIC DESIGN OF BESONE INTERLOCKING TIMBER CONNECTIONS FOR AUTOMATIC ASSEMBLY  CAS STUDY: TERMINUS – NEW PROFINEES IN HYBRID MASS TIMBER SEISMIC DESIGN  1. CONNECTION OF THE PROFILE STADILMS  PROFILE TO THE PROFILE STADILMS  1. CONNECTION OF THE PROFILE STADIL
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