Glued Laminated Timber Structures Part 2 Construction

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Keep tuned as we check out the principle of Glued Laminated Timber Structures Part 2 Construction, review their advantages, and give ideas on exactly how to create efficient recaps. With our help, you'll locate the best

publication for your interests and unlock a world of understanding.

DISCOVERING PUBLICATION RECAPS OF GLUED LAMINATED TIMBER STRUCTURES PART 2 CONSTRUCTION

Materials for Architects and Builders UCL Press

Master's Thesis from the year 2016 in the subject Engineering - Civil Engineering, grade: B, Linnaeus University, course: Structural engineering, language: English, abstract: In this thesis, the behaviour of glued laminated timber combined with hardwood and softwood lamallae is investigated. The influence of hardwood in the tension and compression zone, in terms of strength and stiffness is evaluated. The basis of evaluation consists of determining the behaviour of beams with various combinations of hardwood solely in the tension zone along with beams with hardwood in the tension and compression zone. The influence of different amount of hardwood for both cases is studied my means of experimental and analytical methods. Experimental data attained by performing bending tests are evaluated for different combinations made from spruce and oak. By comparing the experimental and analytical data an

increase in the strength and stiffness in various combinations is observed and potrayed which varies based on different wood species.

Materials and Joints in Timber Structures
Springer Nature

The “old” material of wood has been used to construct dwellings of different types since the dawn of mankind. And not without reason. Its low density combined with high rigidity, good processability, and its resistance makes it an excellent building material. There is currently a pioneering renaissance of the timber construction, for two distinct reasons: first, wood is increasingly being rediscovered as one of the most important renewable raw materials for sustainable construction. Moreover, a revolution in the construction of timber structures began several years ago with the ever-progressive use of three-dimensional CAD models for digitally controlled robot manufacturing The book documents these developments, in particular the engineering bonding techniques, the introduction of digital production techniques, and the innovative material developments of this material. The chapter on composite structures and experimental structures specifically address trends toward the future-oriented dimensions of timber construction. In the final section,

outstanding designs are documented in detail, such as the Club House of Haesley Nine Bridges Golf Course designed by Shigeru Ban in Yeoju, South Korea, and the double gymnasium in Borex-Crassier, Switzerland, by Graeme Mann and Patricia Capua Mann.

Finite Element Analysis for Building Assessment Springer Science & Business Media

Materials in Construction: An Introduction presents a clear and accessible introduction to the principles, practice and performance of construction materials. This new edition is being published as a companion to G. D. Taylor's Materials in Construction: Principles, Practice and Performance - an advanced text that will develop the topics presented in this book. The coverage of a wide range of construction materials provides a comprehensive foundation to the subject, and includes an overview of performance characteristics and standards for many materials. The text also reviews material properties, and examines and evaluates modes of deterioration while emphasising preventative techniques and remedial treatment. Throughout the text carefully devised example experiments and questions support the theory and practical information. Materials in Construction is an essential handbook for

any student studying materials as part of a construction course at BTEC NC/D, HNC/D and undergraduate level.

The Theory and Practice of the Manufacture of Glued Laminated Timber Structures ... John Wiley & Sons

Advanced fibre-reinforced polymer (FRP) composites have become essential materials for the building of new structures and for the repair of existing infrastructure. Advanced fibre-reinforced polymer (FRP) composites for structural applications provides an overview of different advanced FRP composites and the use of these materials in a variety of application areas. Part one introduces materials used in the creation of advanced FRP composites including polyester, vinylester and epoxy resins. Part two goes on to explore the processing and fabrication of advanced FRP composites and includes chapters on prepreg processing and filament winding processes. Part three highlights properties of advanced FRP composites and explores how performance can be managed and tested. Applications of advanced FRP composites, including bridge engineering, pipe rehabilitation in the oil and gas industry and sustainable energy production, are discussed in part four. With its distinguished editor and international team of expert contributors, Advanced

fibre-reinforced polymer (FRP) composites for structural applications is a technical resource for researchers and engineers using advanced FRP composites, as well as professionals requiring an understanding of the production and properties of advanced FRP composites, and academics interested in this field. Provides an overview of different advanced FRP composites and the use of these materials in a variety of application areas Introduces materials used in the creation of advanced FRP composites including polyester, vinylester and epoxy resins Explores the processing and fabrication of advanced FRP composites and includes chapters on prepreg processing and filament winding processes

Flexural Bending Behaviour of Built-up Glulam Box-selection Beams at Ambient and Elevated Temperatures Woodhead Publishing

The recent increasing trend of sustainable construction and advancement in the manufacturing of engineered wood have made products such as glued-laminated timber (glulam) and cross-laminated timber (CLT) preferred building materials. The intensifying demand for engineered-wood products in Canada also has prompted amendments to the building codes of several provinces by reducing the height restriction of timber structures from four to

six stories. Unfortunately, the design of built-up timber beams has not yet been incorporated in most wood design standards worldwide. Thus, this lack of design guidelines brings forth the demand of acceptable methods to analyze, design and manufacture such built-up beam sections. The experimental research study detailed here in this thesis has been carried out to investigate the flexural bending behaviour of built-up glulam box-section beam assemblies fabricated using two engineered-control techniques at both, ambient and elevated temperatures. Seven full-size built-up glulam beam test assemblies were experimentally examined under four-point flexural bending to determine their maximum bending strengths at ambient temperature. Five of the seven beam assemblies tested at ambient temperature were fabricated using self-tapping screws; while the other two assemblies were built using industrial structural adhesive. The outcomes of ambient testing showed that reducing the spacing from 800 mm to 200 mm for the screws connecting the built-up beam section's top and bottom flange panels to the web panels increased the beam flexural bending strength by about 45%. While reducing the spacing from 200 mm to 100 mm only for the screws connecting the bottom flange panel to

the web panels over a distance equal to one-third beam span length from each support, where shear stresses are maximum, increased the beam flexural bending strength by an additional 10%. However, the experimental results of the glued beam assemblies showed considerable flexural bending strengths that are almost equal to the calculated strength of an equivalent hollow-section glulam beam. The influence of the bonding technique and configuration followed in fabricating the built-up beam sections, whether screwed or glued, was also investigated through observing the different failure modes that the built-up beam assemblies exhibited during testing. In addition, the experimental results of the ambient tests were used to verify the calculated bending strength capacity of the built-up glulam beams. Out of each of the glued and screwed assembly groups, only the strongest built-up beam assembly was examined under the effect of CAN/ULC-S101 standard fire while subjected to monotonic loading that was equivalent to the full-capacity design load of the weakest screwed built-up beam assembly with 200-mm screw spacings. The fire resistance tests were conducted using the large-size fire testing furnace accommodated at Lakehead University's Fire Testing and Research Laboratory

(LUFTRL). Outcomes of the fire resistance tests revealed that the glued built-up beam assemblies experienced greater mid-span deflections as well as beam end rotations in comparison to the screwed built-up beam assemblies. This inferior behaviour can be interpreted to the low fire resistance of the adhesive used in fabricating the built-up beam assemblies, which excessively limited the beam's shear and bending strengths at elevated temperatures. On contrary, the self-tapping screws noticeably helped in keeping the built-up beam assemblies intact for longer time during fire testing even when the screws were exposed to direct fire heating.

Timber Structures Woodhead Publishing

Existing structures represent a heterogeneous category in the global built environment as often characterized by the presence of archaic materials, damage and disconnections, uncommon construction techniques and subsequent interventions throughout the building history. In this scenario, the common linear elastic analysis approach adopted for new buildings is incapable of an accurate estimation of structural capacity, leading to overconservative results, invasive structural strengthening, added intervention costs, excessive interference

to building users and possible losses in terms of aesthetics or heritage values. For a rational and sustainable use of the resources, this book deals with advanced numerical simulations, adopting a practical approach to introduce the fundamentals of Finite Element Method, nonlinear solution procedures and constitutive material models. Recommended material properties for masonry, timber, reinforced concrete, iron and steel are discussed according to experimental evidence, building standards and codes of practice. The examples examined throughout the book and in the conclusive chapter support the analyst’s decision-making process toward a safe and efficient use of finite element analysis. Written primarily for practicing engineers, the book is of value to students in engineering and technical architecture with solid knowledge in the field of continuum mechanics and structural design.

At our publication recap collection, we strongly count on the power of exploring Glued Laminated Timber Structures Part 2 Construction. Not just can this open up brand-new understanding and understandings, but it can likewise save visitors time and help them decide which books to invest their time in. Allow's dive into the principle of Glued Laminated Timber Structures Part 2 Construction summaries and their

benefits.

What are book summaries?

Schedule recaps are condensed versions of a book's bottom lines and themes. They supply a quick review of Glued Laminated Timber Structures Part 2 Construction's essence in bite-sized pieces. They can range from a few paragraphs to a couple of web pages.

Why are they beneficial?

Glued Laminated Timber Structures Part 2 Construction summaries are useful since they allow visitors to gain a deeper understanding of a book's bottom lines and motifs without needing to read the complete publication. They are specifically helpful for hectic individuals who want to remain enlightened however might not have the moment to review a whole publication of Glued Laminated Timber Structures Part 2 Construction.

Exactly how can they benefit Glued Laminated Timber Structures Part 2 Construction viewers?

Book summaries can benefit viewers by saving time, supplying a hassle-free introduction of Glued Laminated Timber Structures Part 2 Construction's significance, and assisting readers figure out which books are worth investing more time in. They enable

viewers to swiftly and conveniently acquire insights and understanding without having to devote to checking out the complete book of Glued Laminated Timber Structures Part 2 Construction.

- Saves time
- Gives a quick summary
- Aids Glued Laminated Timber Structures Part 2 Construction viewers choose which publications to spend even more time in

Remain tuned for our following section where we will dive deeper right into the advantages of Glued Laminated Timber Structures Part 2 Construction.

Flammability Testing of Materials Used in Construction, Transport, and Mining
John Wiley & Sons

This chapter briefly discusses the performance and durability of bonded composite systems used for on-site rehabilitation of timber and concrete structures. In spite of some recent developments, the exploitation of their full potential is still often restrained by the lack of structural design guidance, standards for durability assessment and on-site acceptance testing. Therefore, this chapter provides a review of current understanding on the use of hybrid bonded composite systems on the construction site in terms of structural

repair, reinforcement, and seismic retrofit. It focuses on the requirements and practical difficulties in the work on-site with regards to the performance and durability of the rehabilitated structure, the characteristics and requirements that must be fulfilled by structural adhesives and advanced polymer composite materials, and the subsequent need for quality control and in-service monitoring. It also highlights the factors affecting performance and durability of bonded joints. Finally, a general overview of the research needs and a bibliography giving references to more detailed information on this topic is given.

Modern Engineered Bamboo Structures

WIT Press

Wood adhesives are of tremendous industrial importance, as more than two-thirds of wood products in the world today are completely or partially bonded together using a variety of adhesives. Adhesive bonding offers many advantages over other joining methods for wood components, and there has been a great deal of R& D activity in devising new wood adhesives or improving the existing ones. The modern mantra in all industrial sectors is: "think green, go green," which has attracted much attention in the wood adhesive industry. Therefore, there is also a lot of research activity in synthesizing environmentally benign and human-

friendly wood adhesives. This book is divided into four parts: Part 1: Fundamental Adhesion Aspects in Wood Bonding; Part 2: Synthetic Adhesives; Part 3: Environment-friendly adhesives; and Part 4: Wood Welding and General Paper. It addresses many different types of wood adhesives, as well as bonding (welding) of wood components without adhesives, a more recent development. The information contained in this book is valuable for individuals engaged in all aspects of wood adhesion and adhesives and, hopefully, will inspire new ideas in wood adhesives, a topic of vital industrial importance.

Materials and Applications CRC Press

Bridges built in timber are enjoying a significant revival, both for pedestrian and light traffic and increasingly for heavier loadings and longer spans. Timber's high strength-to-weight ratio, combined with the ease and speed of construction inherent in the off-site prefabrication methods used, make a timber bridge a suitable option in many different scenarios. This handbook gives technical guidance on forms, materials, structural design and construction techniques suitable for both small and large timber bridges. Eurocode 5 Part Two (BS EN 1995-2) for the first time provides an international standard for the construction of

timber bridges, removing a potential obstacle for engineers where timber construction for bridges has not – in recent centuries at least – been usual. Clearly illustrated throughout, this guide explains how to make use of this oldest construction material in a modern context to create sustainable, aesthetically pleasing, practical and durable bridges. Worldwide examples include Tourand Creek Bridge, Canada; Toijala, Finland; Punt la Resgia, Switzerland; Pont de Crest, France; Almorere Pylon Bridge, the Netherlands.

Creep in Timber Structures Routledge

Recent progress in enhancing and refining the performance and properties of wood composites by chemical and thermal modification and the application of smart multi-functional coatings have made them a particular area of interest for researchers. Wood Composites comprehensively reviews the whole field of wood composites, with particular focus on their materials, applications and engineering and scientific advances, including solutions inspired biomimetrically by the structure of wood and wood composites. Part One covers the materials used for wood composites and examines wood microstructure, and wood processing and adhesives for wood composites. Part Two explores the many

applications of wood composites, for example plywood, fibreboard, chipboard, glulam, cross-laminated timber, I-beams and wood-polymer composites. The final part investigates advances in wood composites and looks at the preservation and modification of wood composites, environmental impacts and legislative obligations, nano-coatings and plasma treatment, biomimetic composite materials, the integration of wood composites with other materials and carbonized and mineralized wood composites. Comprehensively reviews the entire field of wood composites in a single volume Examines recent progress in enhancing and refining the performance and properties of wood composites by chemical and thermal modification and the application of smart multi-functional coatings Explores the range of wood composites, including both new and traditional products

Timber Construction Manual Birkhäuser

This book contains papers presented at the 1st International Conference on Timber Structures, which was held in collaboration with the Technical Centre of Wood Industry in Belgium. It explores the latest developments in wood products and their application as structural components. The focus of the included works is to

draw attention to new research and real applications from both researchers and practitioners, and to present new and innovative ideas in this significant field. Rapid advances have recently been made in the development and processing of innovative ecologically friendly wood products. A variation of new structural shapes can now be fabricated and used to construct buildings and bridges which have minimal impact on the environment. Wood is particularly appealing since it is renewable and has no carbon footprint when it is harvested in a sustainable way. Timber structures are ecologically sound and comparatively low cost. The material lends itself to ground-breaking designs and new types of composites offer reliable, robust and safe materials. The content of this book comprises a range of topics: Material properties of wood; Durability aspects, service life modelling; Fire safety of timber structures; Protection against decay; Non-destructive inspection and monitoring; Glued, laminated structures, Xlam and CLT; Timber joints and connections; Vernacular wood and heritage timber structures; Timber housing and eco-architecture; Timber bridges; Large span timber roof structures; Shell structures in timber; Mixed, composite and hybrid structures; Computational analysis

and experimental methods; Structural engineering and design; Seismic behaviour of timber structures; Protection of timber; Repaired timber structures; Rapidly assembled and transferable timber structures; Guidelines, codes and regulations; Structural failures; Art and craftsmanship.

Emergent Timber Technologies
Routledge

Structural Timber Design to Eurocode 5 provides practising engineers and specialist contractors with comprehensive, detailed information and in-depth guidance on the design of timber structures based on the common rules and rules for buildings in Eurocode 5 – Part 1-1. It will also be of interest to undergraduate and postgraduate students of civil and structural engineering. It provides a step-by-step approach to the design of all of the commonly used timber elements and connections using solid timber, glued laminated timber or wood based structural products, and incorporates the requirements of the UK National Annex. It covers: strength and stiffness properties of timber and its reconstituted and engineered products key requirements of Eurocode 0, Eurocode 1 and Eurocode 5 – Part 1-1 design of beams and columns of solid timber, glued laminated, composite and thin-webbed sections lateral stability requirements of timber structures

design of mechanical connections subjected to lateral and/or axial forces design of moment resisting rigid and semi-rigid connections racking design of multi-storey platform framed walls Featuring numerous detailed worked examples, the second edition has been thoroughly updated and includes information on the consequences of amendments and revisions to EC5 published since the first edition, and the significant additional requirements of BSI non contradictory, complimentary information document (PD 6693-1-1) relating to EC5. The new edition also includes a new section on axial stress conditions in composite sections, covering combined axial and bending stress conditions and reference to the major revisions to the design procedure for glued laminated timber.

ADVANTAGES OF GLUED LAMINATED TIMBER STRUCTURES PART 2 CONSTRUCTION BOOK RECAPS

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- **Quick review of Glued Laminated Timber Structures Part 2 Construction:** If there is a publication you have an interest in, but you're not exactly sure if it's right for you, our book summaries offer a glance right into the writer's essences and writing design before purchasing the complete book.
- **Enhanced understanding in Glued Laminated Timber Structures Part 2 Construction:** For those that have reviewed the entire publication, our publication recaps use a possibility to revitalize your memory and uncover the bottom lines and themes.

Generally, book summaries of Glued Laminated Timber

Structures Part 2 Construction offer a beneficial tool to enhance your reading experience and maximize your time and effort.

HOW TO WRITE A BOOK RECAP OF GLUED LAMINATED TIMBER STRUCTURES PART 2 CONSTRUCTION

Creating a book recap might look like a complicated job, but it can in fact be an enjoyable and rewarding experience. Here are some key elements to remember when creating your publication summary:

1. **Focus on the significance:** The goal of a publication summary is to catch the significance of Glued Laminated Timber Structures Part 2 Construction in a succinct and engaging method. Avoid obtaining caught up in the information and instead concentrate on the key points and themes that the writer is attempting to communicate.
2. **Keep it quick:** Glued Laminated Timber Structures Part 2 Construction summary is implied to be a quick summary, so maintain it brief. Stick to one of the most

crucial information and stay clear of going into excessive deepness.

3. **Consist of the major personalities:** Make certain to include a brief description of the primary personalities, including their names and any specifying traits or attributes.
4. **Highlight the central motifs:** Identify the central styles of Glued Laminated Timber Structures Part 2 Construction and highlight them in your summary. This will certainly offer visitors a much better concept of what the book is about and what they can anticipate to learn from it.

By maintaining these crucial elements in mind, you can compose an efficient and engaging publication recap that catches the significance of Glued Laminated Timber Structures Part 2 Construction publication and leaves readers wanting extra.

DISCOVERING THE RIGHT GLUED LAMINATED TIMBER STRUCTURES PART 2 CONSTRUCTION BOOK SUMMARIES

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One of the most convenient means to locate Glued Laminated Timber Structures Part 2 Construction summaries is via on-line systems. Internet sites like Blinkist, getAbstract, and Sumizeit provide a selection of recaps for different classifications and styles. You can also take a look at Amazon Kindle's "Brief Reads" section for fast, easy-to-digest recaps.

2. Schedule Testimonial Internet Sites

Schedule evaluation web sites like Goodreads and BookPage frequently feature recaps along with their evaluations. They can supply a much deeper understanding of Glued Laminated Timber Structures Part 2 Construction plot and styles while likewise offering understanding into the visitor's experience. You can additionally take a look at their "suggested" page to find brand-new recaps.

3. Curated Collections

Negotiating Design & Making Elsevier Inc. Chapters

This volume presents the proceedings of the

18th International Probabilistic Workshop (IPW), which was held in Guimarães, Portugal in May 2021. Probabilistic methods are currently of crucial importance for research and developments in the field of engineering, which face challenges presented by new materials and technologies and rapidly changing societal needs and values. Contemporary needs related to, for example, performance-based design, service-life design, life-cycle analysis, product optimization, assessment of existing structures and structural robustness give rise to new developments as well as accurate and practically applicable probabilistic and statistical engineering methods to support these developments. These proceedings are a valuable resource for anyone interested in contemporary developments in the field of probabilistic engineering applications.

Standard for design of timber structures [After payment, write to & get a FREE-of-charge, unprotected true-PDF from: Sales@ChineseStandard.net] Springer Nature

This book holds the proceedings of the Conference on Applications of Structural Fire Engineering (ASFE 2017), held on September 7-8, 2017, in Manchester, UK. The ASFE'17 conference will be the next in a

series (2009, 2011, 2013, 2015) of successful conferences that aim to bring together experts and specialists in design against fire from all over the world to share ideas and to acquire knowledge in the field of structural fire engineering. Practice in structural engineering increasingly accepts the benefits of performancebased approaches to the design of structures for fire resistance. This conference will focus on the application of design methods, both manual and computational, for structures to resist fire. Particularly relevant themes will be fire modelling, simulation of the heat transfer between fire and structures, and modelling of structural behaviour at elevated temperatures using numerical methods or software implementations of design codes.

PRO 22: International RILEM Symposium on Joints in Timber Structures Elsevier

By presenting the work of the RILEM Technical Committee 245-RTE, the book provides an overview of the existing techniques for the reinforcement of timber elements, joints and structures. It consists of two parts: part I examines state-of-the-art information on reinforcement techniques, summarizes the current status of standardization, and covers STS, GiR, FRP and nanotechnology. In part II several applications of reinforcement are

discussed: these include traditional structures, traditional timber frame walls, light-frame shear walls, roofs, floors, and carpentry joints. The book will benefit academics, practitioners, industry and standardization committees interested in the reinforcement of existing timber elements, joints and structures.

An Introduction Structural Timber Design to Eurocode 5

Structural Timber Design to Eurocode 5John Wiley & Sons

Timber Structures -- Glued Laminated Timber -- Test Methods for Determination of Physical and Mechanical Properties Cuvillier Verlag

This book contains the contributions from the RILEM International Symposium on Materials and Joints in Timber Structures that was held in Stuttgart, Germany from October 8 to 10, 2013. It covers recent developments in the materials and the joints used in modern timber structures. Regarding basic wooden materials, the contributions highlight the widened spectrum of products comprising cross-laminated timber, glulam and LVL from hardwoods and block glued elements. Timber concrete compounds, cement bonded wood composites and innovative light-weight constructions represent increasingly employed alternatives for floors, bridges and facades. With regard to

jointing technologies, considerable advances in both mechanical connections and glued joints are presented. Self-tapping screws have created unprecedented options for reliable, strong as well as ductile joints and reinforcement technologies. Regarding adhesives, which constitute the basis of the jointing/laminating technology of modern timber products, extended options for tailor-made bonding solutions have to be stated. Apart from melamine-urea and phenolic-resorcinol adhesives, one-component-polyurethanes, emulsion isocyanate polymers and epoxies offer a wide range of possibilities. The contributions dealing with experimental and numerical investigations on static, cyclic and seismic behavior of structures clearly reveal the enhanced potential of modern timber construction for reliable and sustainable buildings and bridges of the new millennium. The book is structured in nine thematic areas, being I) Structures II) Mechanical Connections III) Glued Joints and Adhesives IV) Timber and Concrete/Cement/Polymer Composites V) Cyclic, Seismic Behavior VI) Hardwood, Modified Wood and Bamboo VII) Cross-Laminated Timber VIII) Properties and Testing of Wood IX) Glulam

IPW 2020 CRC Press

Timber: Its Nature and Behaviour adopts a

materials science approach to timber and comprehensively examines the relationship between the performance of timber and its structure. This book explains a wide range of timbers physical and mechanical behaviour (including processing) in terms of its basic structure and its complex interaction with moisture. The performance of timber and panel products is also related to the levels set in new European specifications and with the associated methods of testing.

For readers who favor a much more individualized touch, curated collections are a great choice. These collections are frequently created by sector specialists or lovers and offer a listing of must-read summaries for various styles. You can find them on blog sites, podcasts, and even social networks teams.

With these suggestions, you can discover the right Glued Laminated Timber Structures Part 2 Construction publication recaps for your passions and choices. Pleased reading!

REVIEW OF GLUED LAMINATED TIMBER STRUCTURES PART 2 CONSTRUCTION

• This book made more sense than anything else 've read about back problems. The chapters on muscle

physiology were very detailed, but still understandable for a lay person like me -- and also explained so much about why the usual techniques for helping back pain don't work. There's also a fascinating chapter about health problems you don't usually think of as muscle related. A couple of reviews here sounded a little sour, but I recommend it highly!

• This book begins and ends as a perfectly competent, trial-centered mystery thriller. The plot is like a finely made cuckoo clock. Once wound up, it clanks and whirrs, doors open up at just the right time and things pop into sight exactly when they should. In a book that is a part of a better than average series, it is well and good that they should do so.However, the heart of the book is not given to the series protagonists, Dismas (named after the "good thief" on the cross beside Jesus) Hardy and Abe Glitsky, but to a young lawyer named Amy Wu. Ms. Wu is very bright and very competent, so bright and so competent that she makes thoroughly boneheaded errors, one after another, in entirely convincing ways. The middle of the book is given to Ms. Wu's slow realization that she has made a mess of things and her attempts to crawl out of the pit she has dug for herself. This is not the stuff of a well-constructed mystery. This is, rather, something that looks very like--dare I

say it?--literature.A couple of hundred pages of this 454 page book are more like a novel than a mystery story. Overall, this has a slightly negative effect on the mystery story, hence the four stars. But it also gives me hope that Lescroart has something good, something really good in him that someday he might put down on paper.