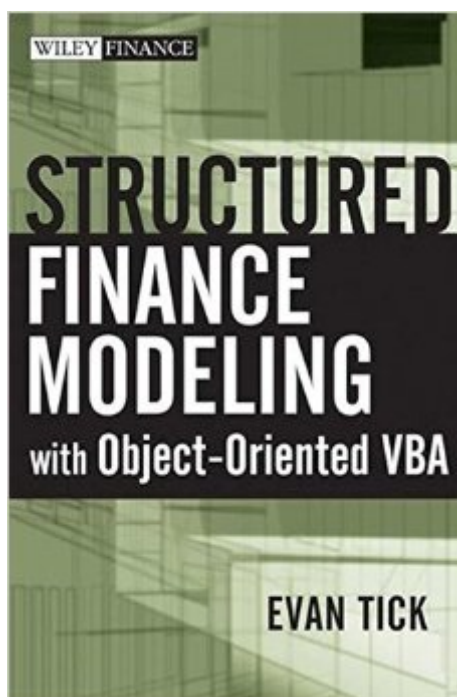# Structured Finance Modeling With Object-Oriented VBA

Synopsis

A detailed look at how object-oriented VBA should be used to model complex financial structures This guide helps readers overcome the difficult task of modeling complex financial structures and bridges the gap between professional C++/Java programmers writing production models and front-office analysts building Excel spreadsheet models. It reveals how to model financial structures using object-oriented VBA in an Excel environment, allowing desk-based analysts to quickly produce flexible and robust models. Filled with in-depth insight and expert advice, it skillfully illustrates the art of object-oriented programming for the explicit purpose of modeling structured products. Residential mortgage securitization is used as a unifying example throughout the text.

Book Information

Hardcover: 352 pages

Publisher: Wiley; 1 edition (May 25, 2007)

Language: English

ISBN-10: 0470098597

ISBN-13: 978-0470098592

Product Dimensions: 6.3 x 1.2 x 9.3 inches

Shipping Weight: 1.2 pounds (View shipping rates and policies)

Average Customer Review: 3.5 out of 5 starsÂ Â See all reviewsÂ (6 customer reviews)

Best Sellers Rank: #835,795 in Books (See Top 100 in Books)   #76 inÂ Books > Computers & Technology > Programming > Microsoft Programming > VBA   #229 inÂ Books > Computers & Technology > Programming > Languages & Tools > Visual Basic   #452 inÂ Books > Computers & Technology > Programming > Languages & Tools > C & C++ > C++

Customer Reviews

This is an outstanding textbook on how to master the intricacies of a structured finance (especially, home-equity ABS) deal. It teaches ABS from several angles: modeling (chapter 1-4), structuring (chatper 5), and ABS analytics (chapter 6).Although definitions and explanations about any given deal can be readily found from prospectus and prospectus supplements, for practitioners like myself, this book improves one's understanding of what's, how's and why's of any particular feature of a typical RMBS structure. This is a book I wished I had read when I started in this business.In this book, the process of modeling a RMBS deal was shown step-by-step, with definitions, equations, tables and figures accompanying easy to understand explanations. The equations are written in a way that if is straightforward to be coded into VBA (or any other language) and be implemented.This

is a book about learning about modeling and implementing an ABS. End of chapter programming excercises reinforce the notion of learning by doing. To respond to the prior reviewer's desire of having a complete program to run and test, I believe that the only way one is going to learn a complex structure is to read, follow, implement and experiment with self-written codes. This book provides you with all the tools and explanations you need to get started in this interesting field.

I had been waiting for this book for more than 5 months (preordered since December 2006). The content is excellent, but I expect to see a complete VBA code as a wrap up. It should also help if the code is provided in soft file so that the readers can see how the model actually runs without the need to merge all the examples and manually type the code into the computer first.Montri

This is a horrible book. For some parts it only lists pseudo-code or equations without explanations and for other parts it lists VBA code snippets. There is just a lot missing in between to actually develop a running program. So it does not really do what the title says, namely show how to implement a VBA model for structured finance.

This textbook is interesting. it describe the modeling in programming style and math. It make me easy to catch the relation of math formula and programming pesudo code. It does not only the math concept but pesudo code which is used to describe the concept. It is helpful to me while I met the problems in other finance engineering textbook. I can not link the complexity of math fomula to real world. But this textbook gave me another study viewpoints and help me link to to real world.

I learned so much from this book in terms of using class modules as well as some mathematics useful for modeling beyond structured products. For someone like me who had no idea of what object-programming was, it was a painful process digesting the contents of the book. But the pain is well-worth it.

The book did a good job of explaining the thought process behind coding in VBA. I am a structurer of ABS and CDOs, but most of my experience has been using Excel and automating tasks in VBA. I was disappointed that the book gave an example of a flawed code, worked through the steps to fix it, but never gave the correct solution. I ended up putting this book down and getting a book that was directly about VBA instead to get there. I liked the explanation of how to implement classes, but overall, I would recommend a book like VBA for Modelers and a generic book on structured finance

over this book.

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