

These workbooks were written by Kerry Back to accompany *A Course in Derivative Securities: Introduction to Theory and Computation* by Kerry Back, published by Springer, Berlin, in 2005.

The workbook `CourseinDerivativeSecurities.xls` contains all of the VBA code in the book. There is a separate VBA module for each chapter. There is also a separate worksheet for each chapter. All of the functions and macros of each chapter are illustrated via examples in the corresponding worksheet. This workbook can be downloaded separately at www.kerryback.net.

The workbooks `Chapt_#_Solutions_CourseinDerivativeSecurities.xls` contains the solutions for the end-of-chapter problems. Each workbook contains all of the VBA code in the workbook `CourseinDerivativeSecurities.xls`. None of that VBA code has been changed. Each workbook also contains a new VBA module named `Solutions_Chapt#` which contains the code needed for the problems in that chapter.

Within each of the solution workbooks, there is a separate worksheet for each problem. Each function and macro is demonstrated with an example. Input cells for each problem are highlighted in yellow.

Problems that require derivations instead of programming are answered in embedded pdf files. Double click on the icon to bring up the pdf file in your default program for reading pdfs (or right click, select Acrobat Document Object, and then select Open).

The simulations and some of the valuation programs (depending on parameters) are time consuming to run. Therefore, automatic calculation has been turned off in each workbook (except for Chapter 1). To force a workbook to recalculate, press the F9 key. You can go to Tools/Options/Calculation to turn on automatic calculation.

Some of the problems require histograms to be created from simulated data (using the Data Analysis add-in). Unfortunately, the histograms created by the Data Analysis add-in are static and do not update when the data is updated, which occurs each time the workbook recalculates. Therefore, the histograms in the workbooks may not match the data, though the general patterns should be similar.

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