

Here you will download the Chapter Examples (and some provided Problem Solutions), Code, and Chapter Figures for *Modeling, Analysis and Optimization of Process and Energy Systems*.

If you do find errors or have suggestions for improvements please do contact me at,

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Download Instructions / File Explanation

You will find four zip files: *POEA Excel files and code - 1.zip*; *POEA Excel files and code - 2.zip*; *POEA Figures - 1.zip*; and, *POEA Figures - 2.zip*.

You should be familiar with the structure of POEA as detailed in Section 1.7 of the text. We want the folder POEA to hold all the text example files and some provided problem solutions in individual chapter subfolders. Other subfolders in POEA will hold the provided code and other developed materials.

You will also want to download What's Best from LINDO Systems.

The two zip files: *POEA Excel files and code - 1.zip* and *POEA Excel files and code - 2.zip* contain materials which after extraction should be moved into the POEA folder which you will need to create on your C drive.

In *POEA Figures - 1.zip*; and *POEA Figures - 2.zip* you will find all the figures used in the text. These figures are provided as bmp (bit map) files. The provided figures do not need to be in POEA.

Finally, we do want to remind everyone that the executable version of THEN (provided in Chapter 13) must be in the same folder as the Excel file calling THEN.

Additional Instructions (for the Combustion Libraries):

In addition to the file **Download Instructions** (above) you will need to download and install Microsoft Visual C++ 2008 Express Edition on your computer – it is available as a free download from Microsoft. This will allow you to: run the dlls for the provided combustion libraries; or open and view; or modify and recompile, all of the supplied code for the thermodynamic combustion libraries. The current site for Visual C++ 2008 Express Edition is (as of March 15, 2012): msdn.microsoft.com/en-us/express/future/bb421473

Here click on the icon for Visual C++ 2008 Express Edition and install on your computer. You will need to register the product with an e-mail address and some basic user information.

However, if you do **NOT** want to install a development tool (Visual C++ 2008 Express Edition) on your computer then please download the two stand-alone dlls: Combustion_Library.dll and Combustion_Library_SI.dll from the sites:

http://dl.dropbox.com/u/67482588/Combustion_Library.dll

http://dl.dropbox.com/u/67482588/Combustion_Library_SI.dll

These two dlls will directly replace the two dlls found in the folders, Combustion Library Field Units and Combustion Library SI Units, within the POEA directory. These dlls will execute without Visual C++ 2008 Express Edition. But without a development tool you will not be able to open and view, or modify and recompile, the supplied code for the combustion libraries.