

# LaTeX with TeXnicCenter

The editor we will use for our .tex files is TeXnicCenter (it is among your programs). Only drawback is that you, when starting, maybe you have to give the pathway. If you see LaTeX=>ps=>pdf, or LaTeX=>pdf, in the menu then everything is fine. Otherwise the pathway is c:\texlive\2010\bin\win32. You can click a couple of times to get it. Maybe it is 2013 instead of 2010 on some computers. Afterwards you get some choices but you click next, next, next and finally "finish".

1. Download the file plots\_into\_tex.tex from Moodle. The file is in General Course Documents for 1ma462.
2. You **only** make changes between `\begin{document}` and `\end{document}`. Change author name and title. Two figures produced in this file but you have only one so take away (cut) one `\begin{figure}.....\end{figure}`. Note put right name at file=....eps
3. Put also in some equations in the document. If you write math inside the text use  $...$ . For example  $x^2=\sqrt{x}$ . If you want an equation you start with `\begin{equation}` and finish with `\end{equation}`. Inside you don't need any dollar signs. Try  $\int_0^{\pi} f(t) dt$ .
4. Save the file in a folder with an appropriate name like project\_DiscMath

When producing the pdf file you select LaTeX=>ps=>pdf, or LaTeX=>pdf, in the menu and then Build --> Current File -> Build. Hopefully you get zero errors and you can then go to Build->View Output to see the pdf file. Otherwise you have to correct your typesetting mistakes. 😞 Can be tiresome.

/Hans