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MathCAD in Structural Engineering For basic calculations, I guess Microsoft's Excel is to GoTo software for many (structural) engineers. About 10 years ago, a colleague of mine introduced me to MathCAD, which is a PTC software package nowadays (it was MathSoft back then).

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MathCAD versus Excel > ENGINEERING.com

I'm responsible for my engineering company here in Finland, and have now decided to start a project to go for Mathcad solutions for new Eurocode engineering practices. I have studied examples, wick came with program, but find them quite difficult to follow as a newcomer of this powerfull tool.

Structural engineering - PTC Community

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Mathcad - Solving & Analyzing Engineering Calculations

...

I am a retired civil-structural engineer. The e-book is American code based so has some limitation if you are not in America and

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not designing to USA codes. It does not take much to create your own to nonUSA codes. It provides good examples of how to use MathCad with examples you can relate to.

Is the PTC Civil & Structural Worksheet Library wo ...

The MathCAD software library is loaded with engineering examples so it seems a natural extension of oneself as an engineer. As an engineer, I have used MathCAD in pursuit of research, calculating free-convective heat transfer properties or the Boussinesq Bulb of Pressure.

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