Getting started in Pictures

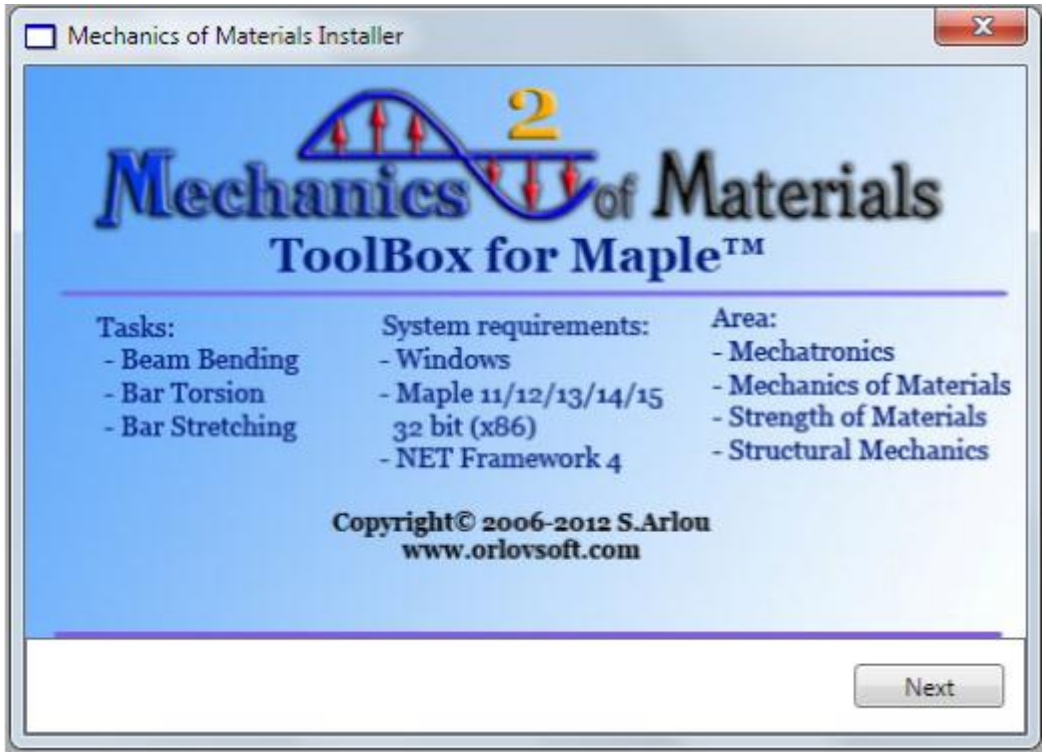
Siarhei Arlou

Mechanics of Materials 2

ToolBox for Maple™

Simply The New Generation CAE software

ORLOVSOFT

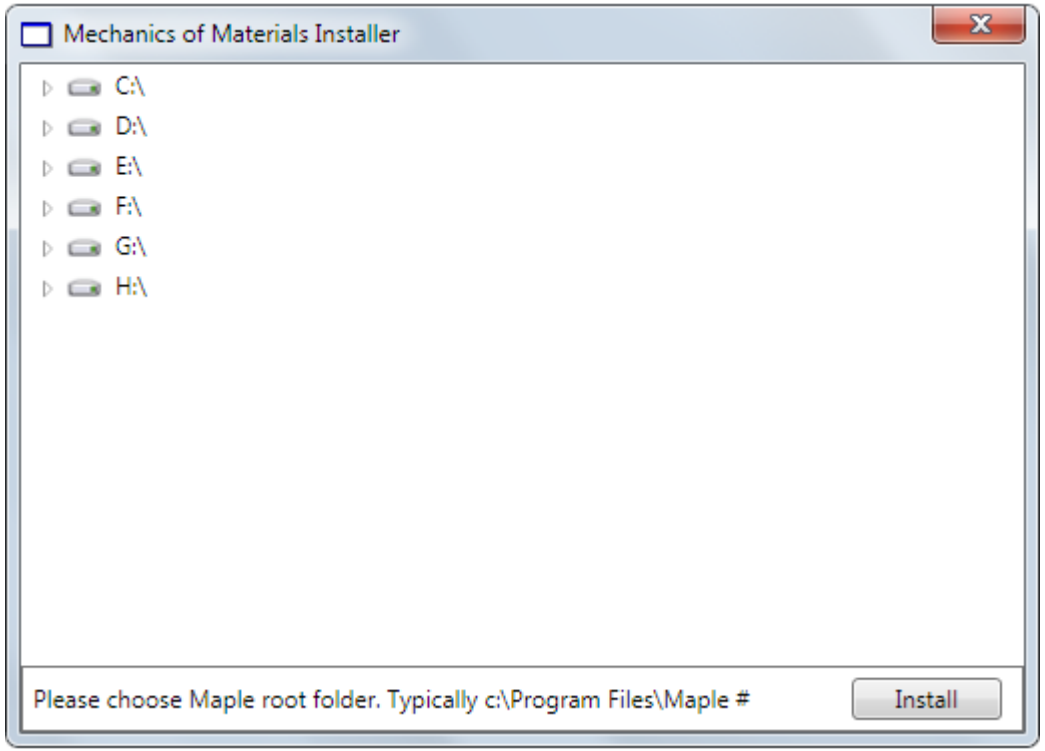


System Requirements:

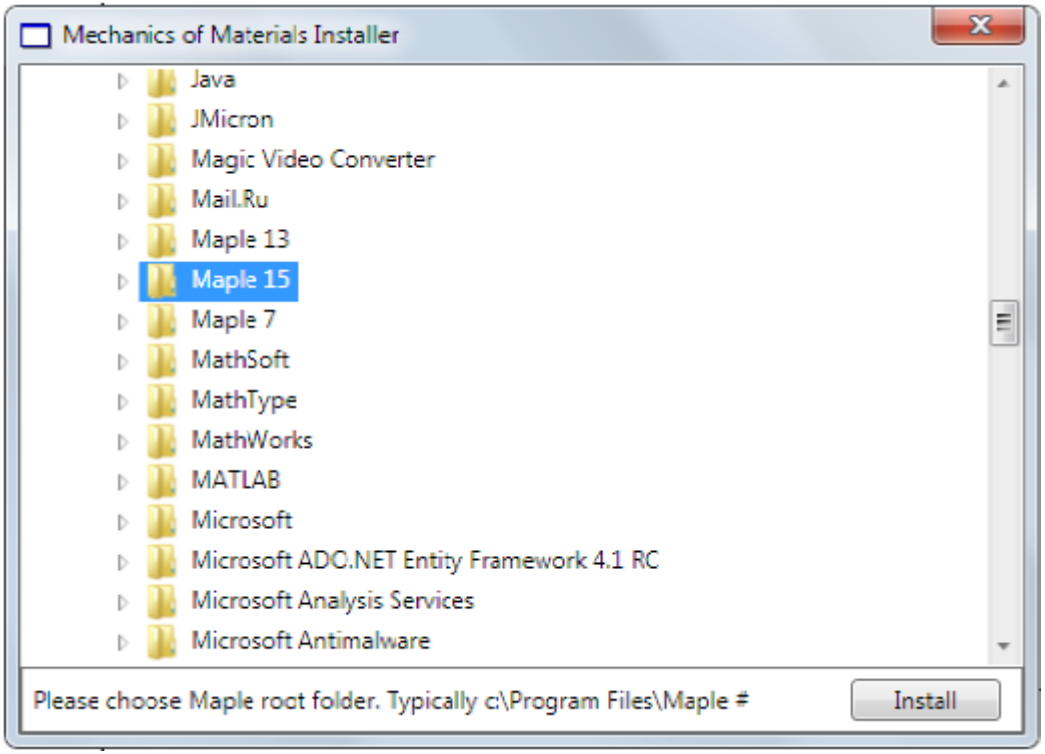
- Windows;
- Microsoft NET 4; http://www.microsoft.com/download/en/details.aspx?id=17113
- Maple 11/12/13/14/15 (Maple 32 bit version only);

Installation Steps

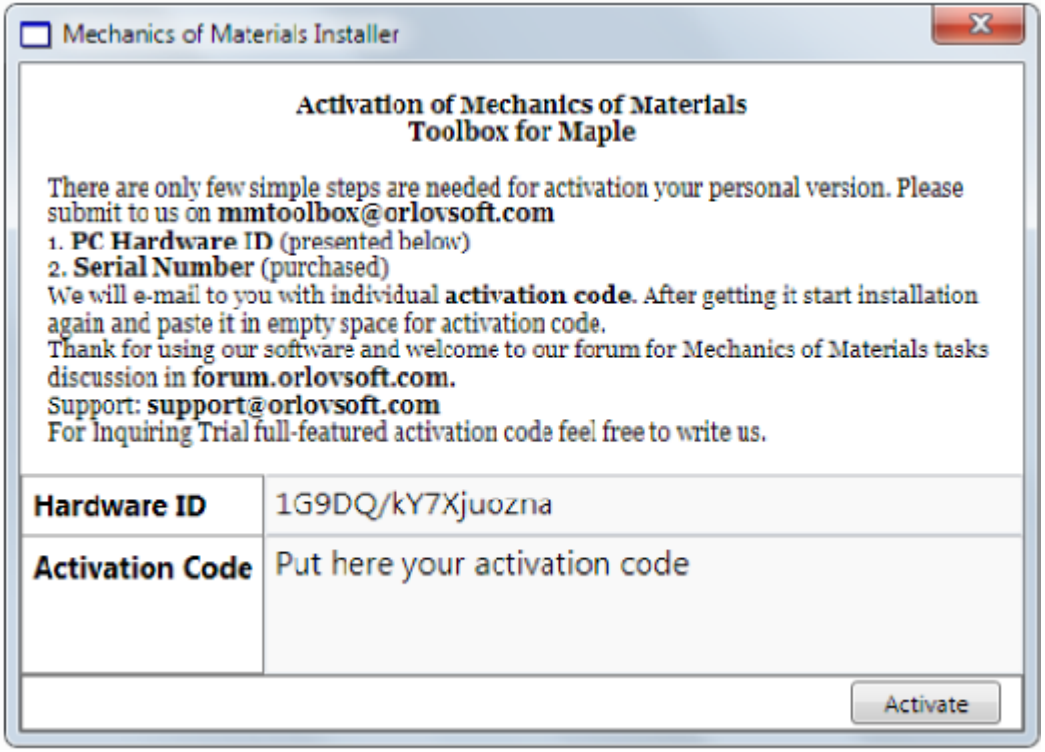
1. Please start downloaded **.exe** file.
2. You will see start installation window like this.



3. Follow usual installation steps.
4. Choose **root** Maple installation folder and click **Install**.

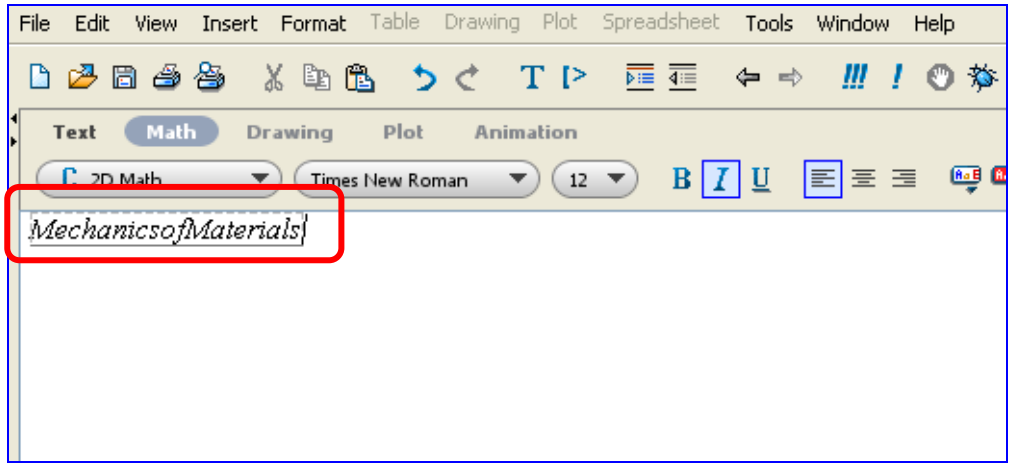


5. At final stage of installation process you will see **activation** window.



6. Paste individual activation code and click **Activate**.
7. Installation process is finished.

If you have not purchased activation code and you wish to try the software please feel free to ask us **trial activation code** via mmtoolbox@orlovsoft.com.



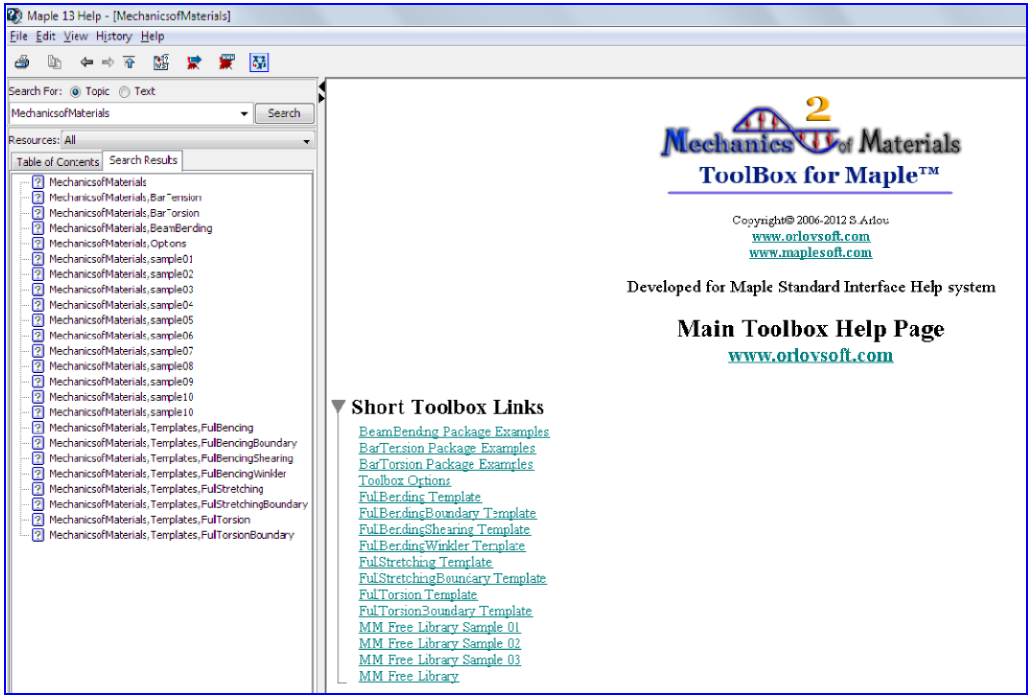
Easy Start

Toolbox Help developed for Maple standard interface only. The beginning with Mechanics of Materials is comfortable by using the examples library located in toolbox **Help**. Also for fast and easy start you may use predefined **Templates.**

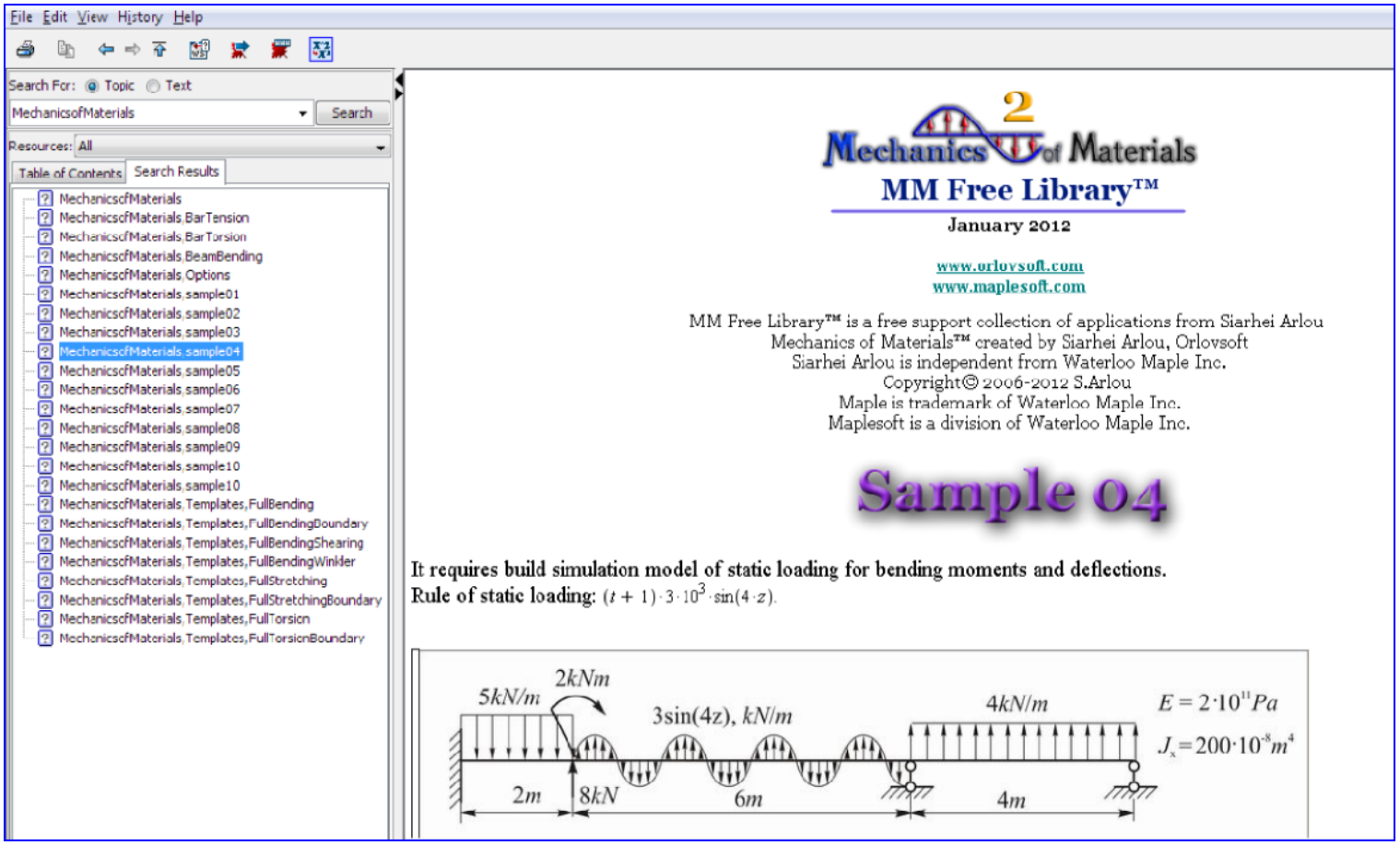
Type the **MechanicsofMaterials** string by single word.

Please click **F2** button when you are in **MechanicsofMaterials** string. Cursor must be within the text, not in start or last letter positions.

Mechanics of Materials™ Toolbox for Maple™



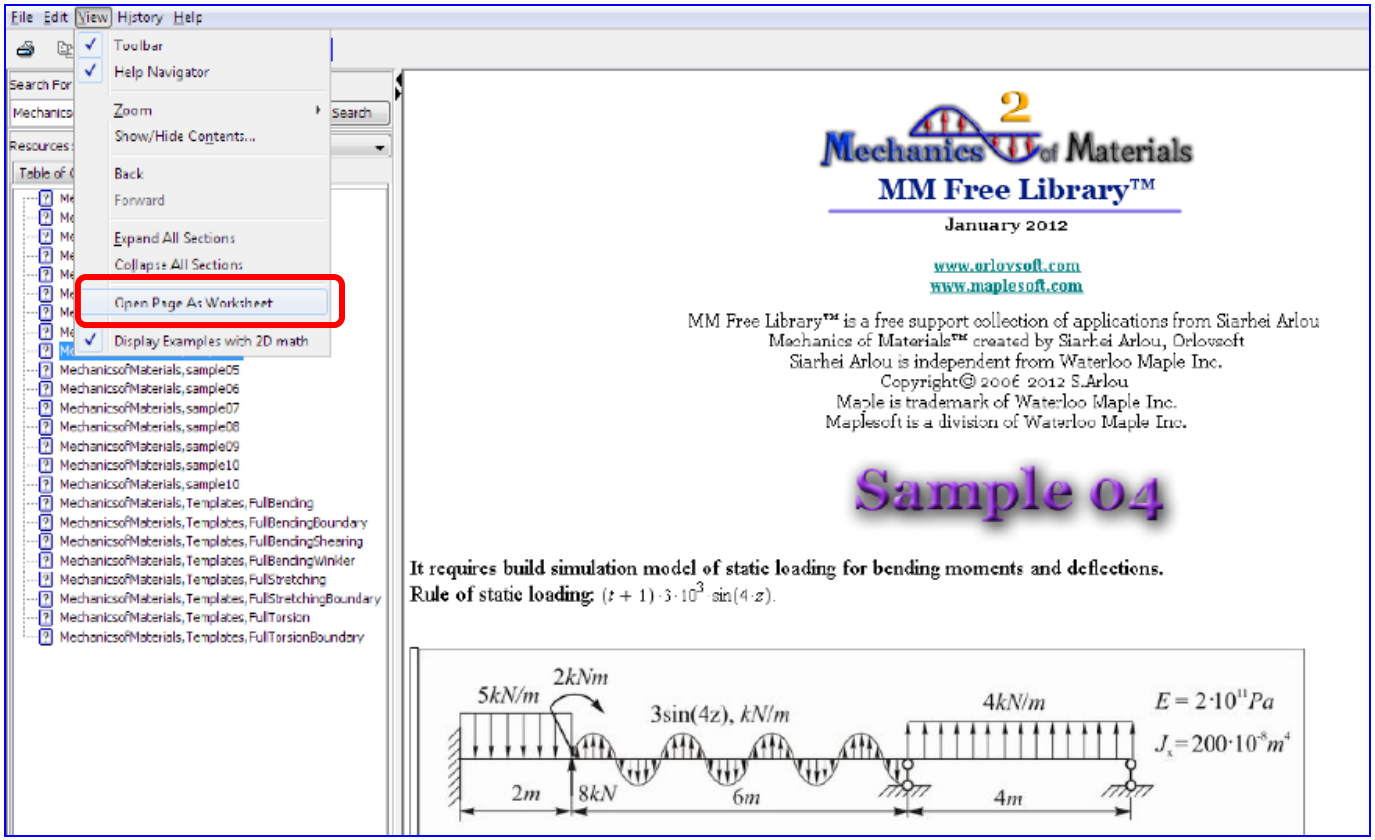
Results of calling of help topic **MechanicsofMaterials** are presented at left part. There is main toolbox help page.



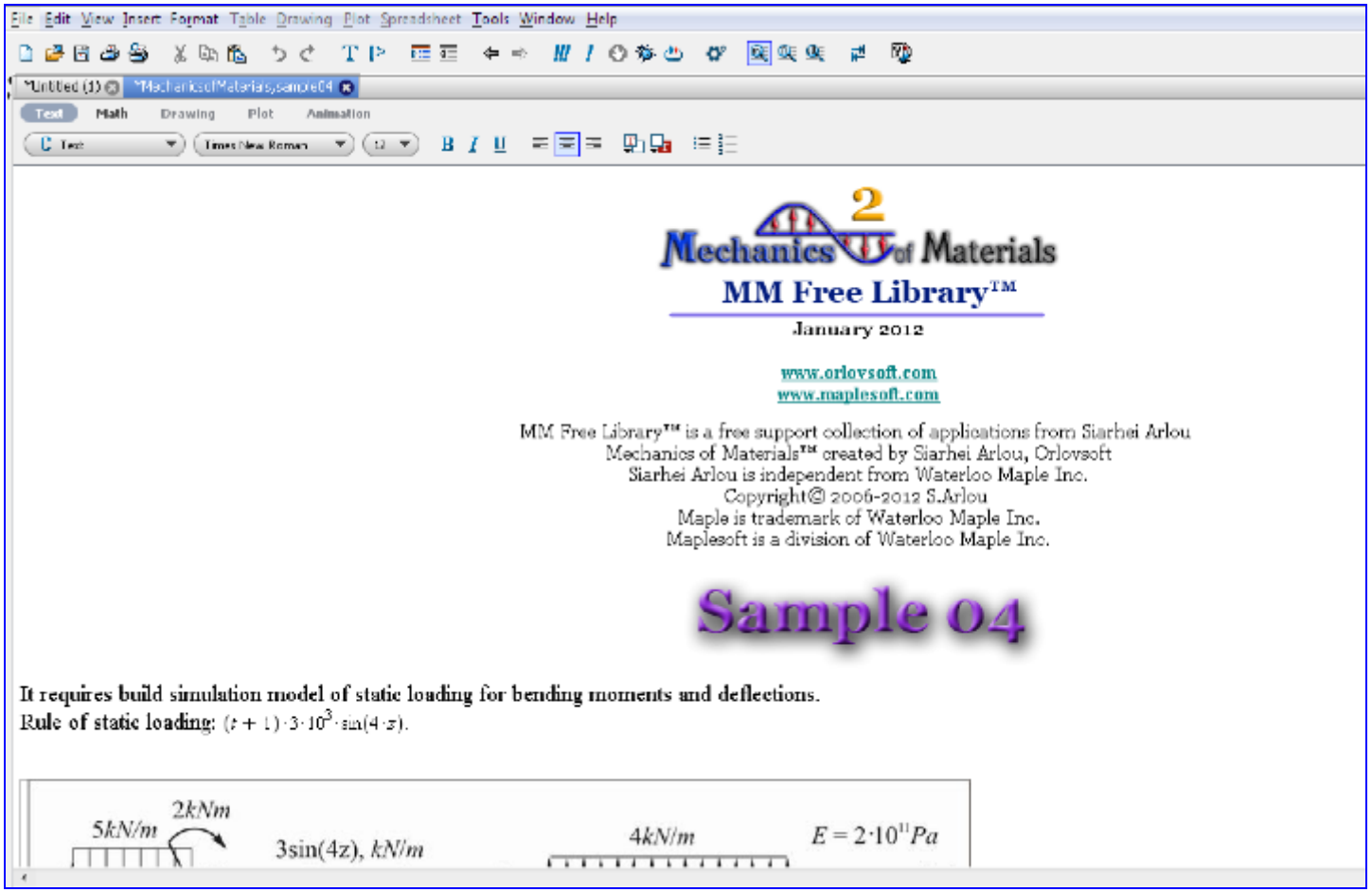
Fast Toolbox start is using **MM Free Library™** samples.

It is possible to view it by one click in Maple help browser.

Please be patient. Opening the help page in Maple sometimes take a more than one-two seconds.

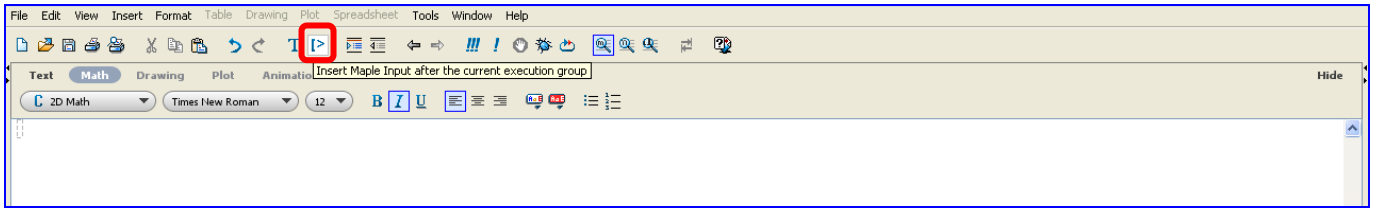


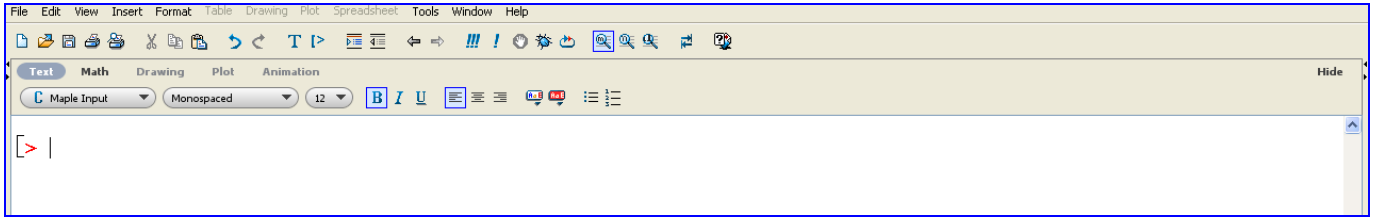
There is simple way to make a Maple **worksheet** from **help article**. Please follow to view item in main menu and find here point **Open Page As Worksheet**.

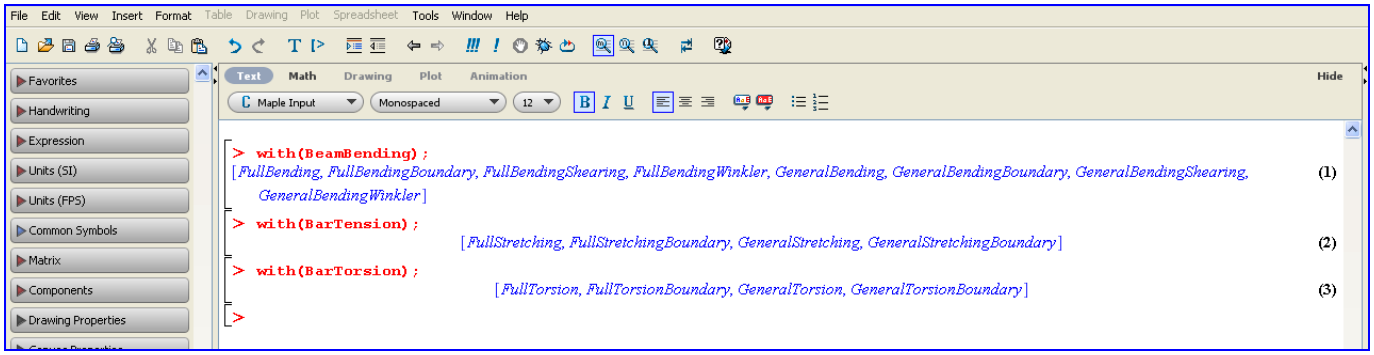


The result is following. Now we can browse, calculate and change **Maple Worksheet Document**.

Mechanics of Materials™ Toolbox for Maple™



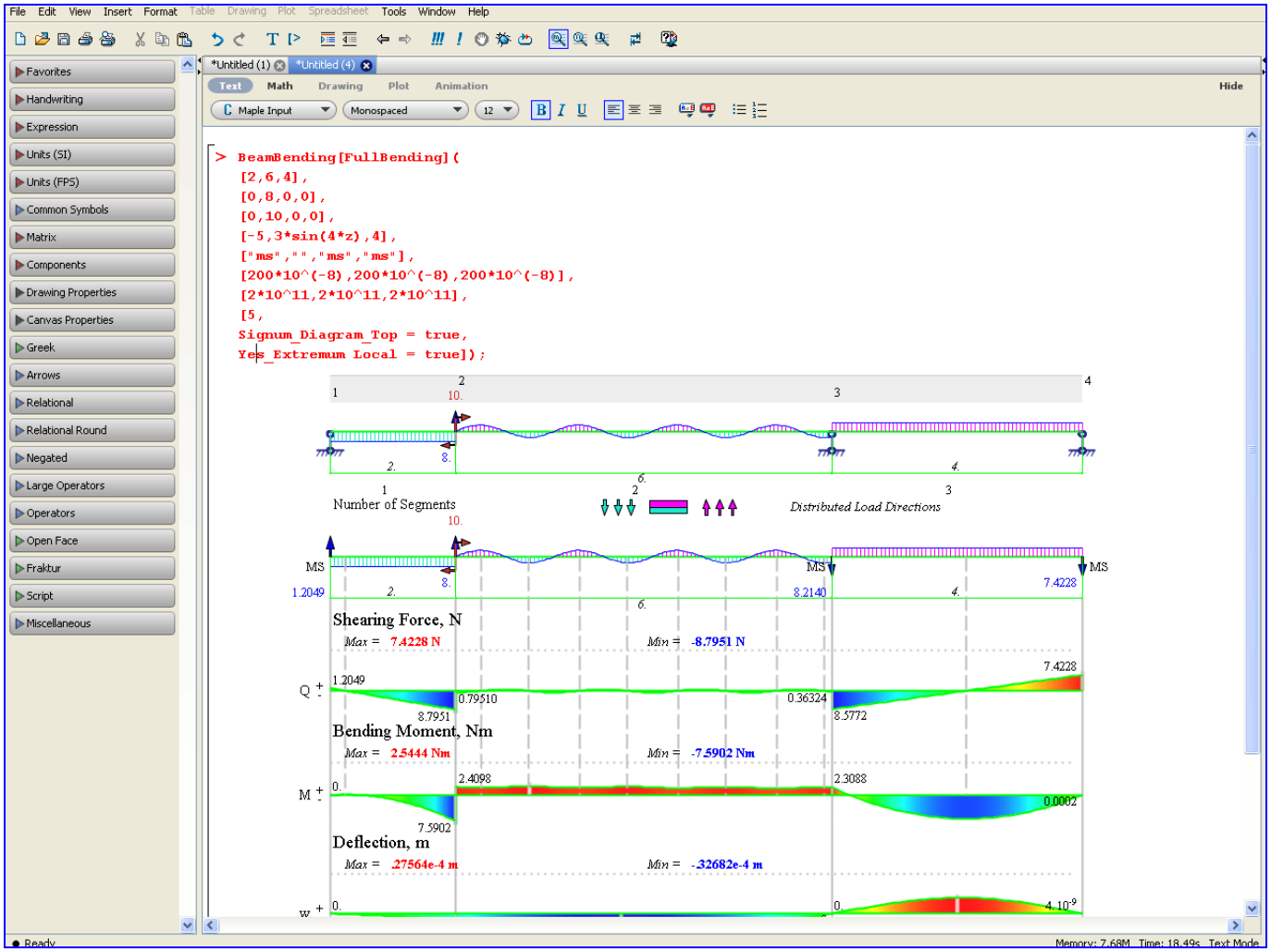




Maple programming environment gives most powerful opportunities for modeling your own tasks. For using this mode start **Maple session**. Then apply **Ctrl+M** combination – **Maple Worksheet Mode** (not Document Mode).

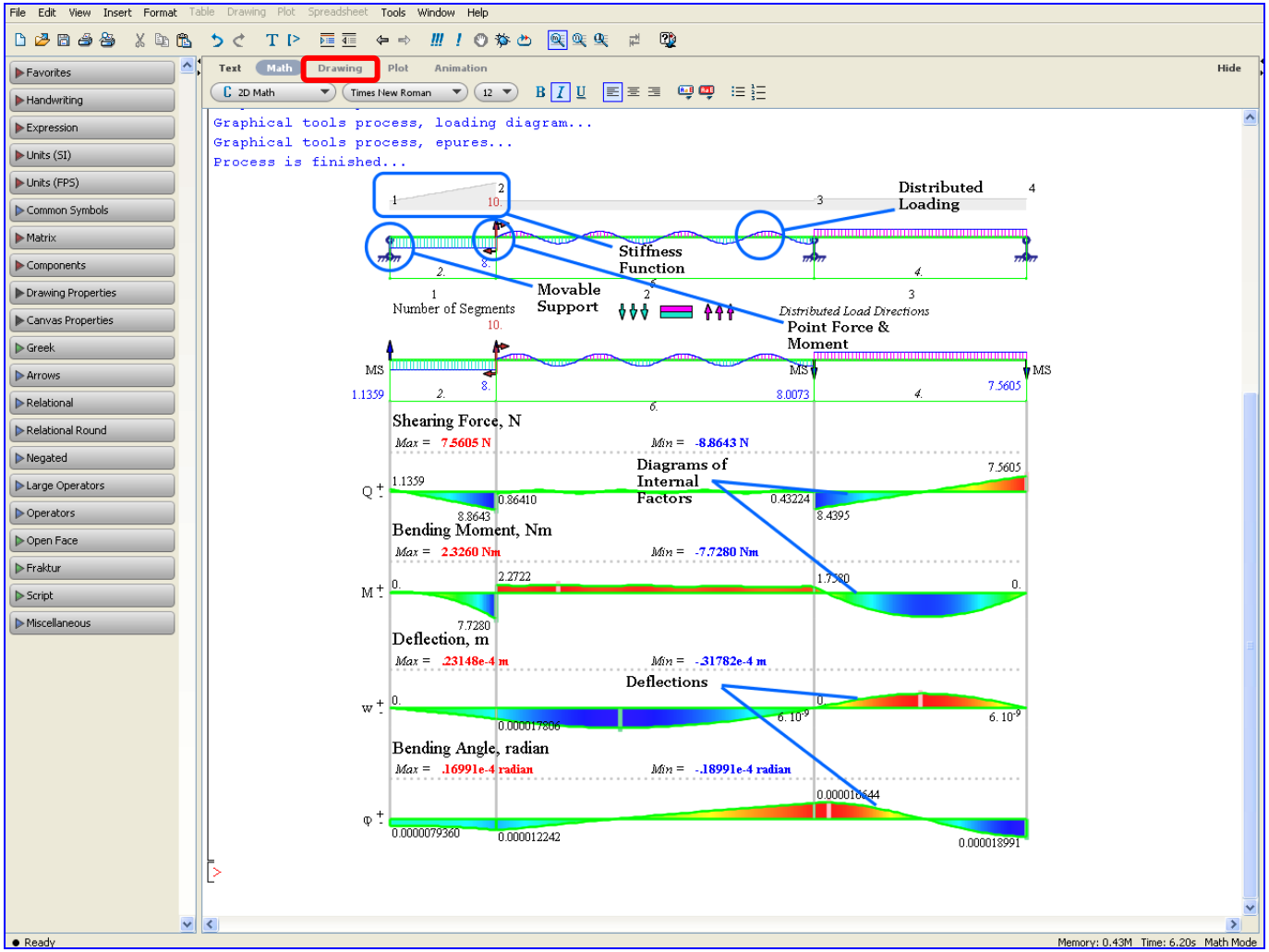
All sixteen functions are available by using next references to toolbox three packages.

You may use also short form to access to some function by scheme **PackageName [FunctionofPackage] (InputData);**. For detailed information about package functions please see Maple help by topic **with.**



We can copy some code block from Mechanics of Materials help and paste it to current Maple code session. The result looks like presented.

Mechanics of Materials™ Toolbox for Maple™



Here we used so named **Drawing Mode** to accent few points of results.

Thanks for Mechanics of Materials Toolbox using.