- 1. Matlab: first choice
 - a. Comprehensive capability
- 2. Python: easy to use
- 3. Other programming languages

https://lib.sustech.edu.cn/page/id-251.html? locale=zh CN

matlab 是美国MathWorks公司出品的商业数学软件,用于算法开发、数据可视化、数据分析以及数值计算的高级技术计算语言和交互式环境,主要包括MATLAB和Simulink两大部分。数学系已购买Matlab软件全模块功能,服务期延长至2021年12月,下面为更新指南,请参照更新。

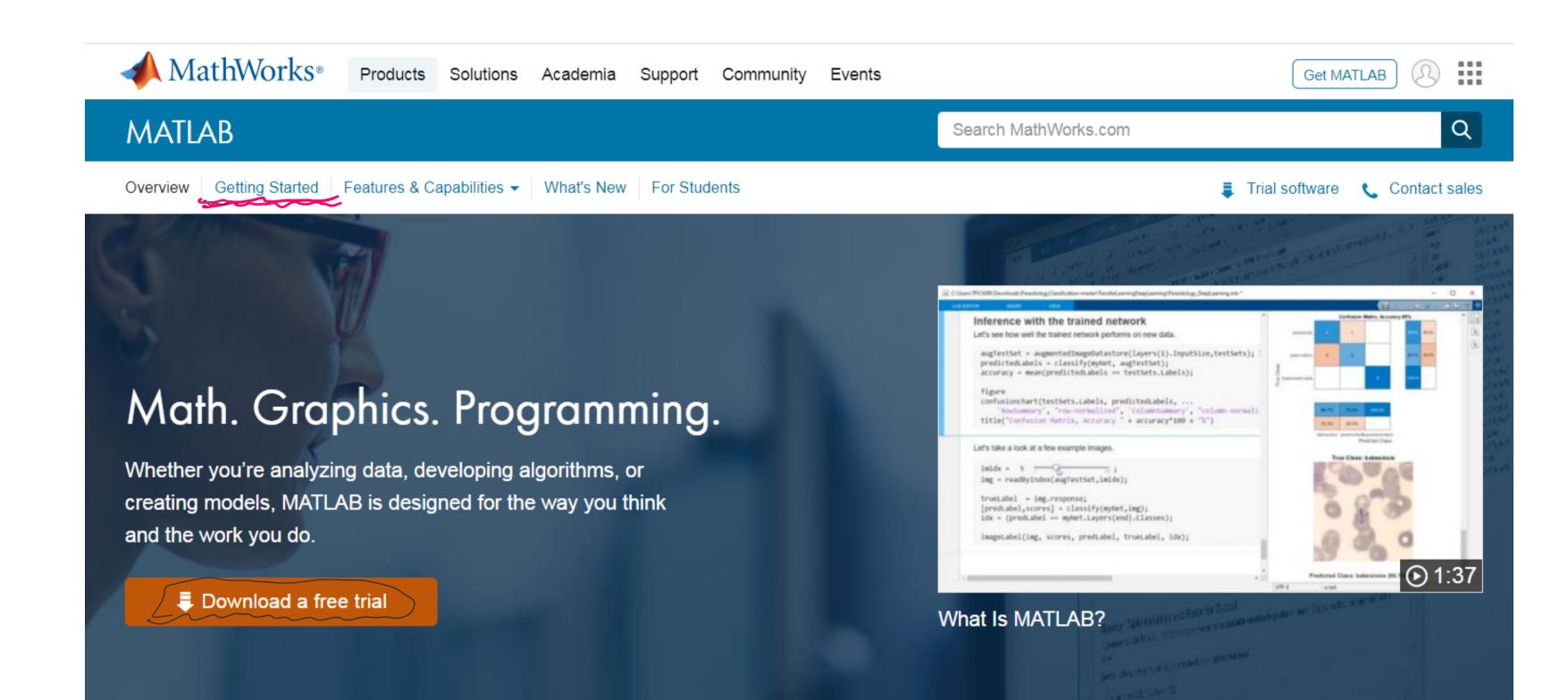
安装激活指南:
MATLAB Campus-Wide License更新指南.docx

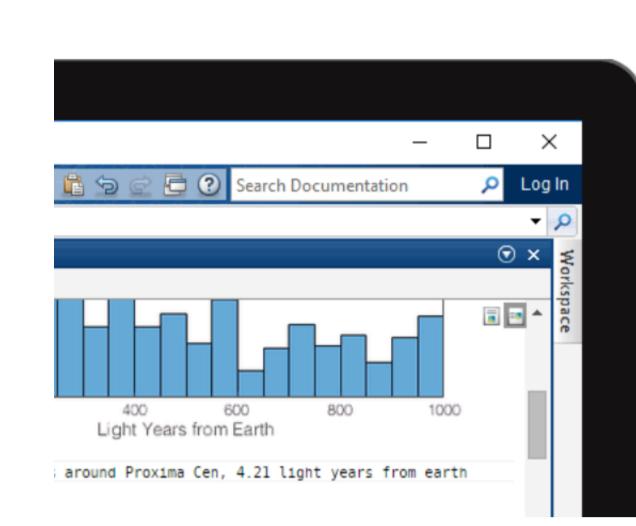
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联系方式:
如有疑问请联系MATLAB技术支持王工(13911377607),或电话:86-10-5982-7000

数学系龙欢longh@sustech.edu.cn或谭少才tansc@sustech.edu.cn。

Install Matlab on your local laptop





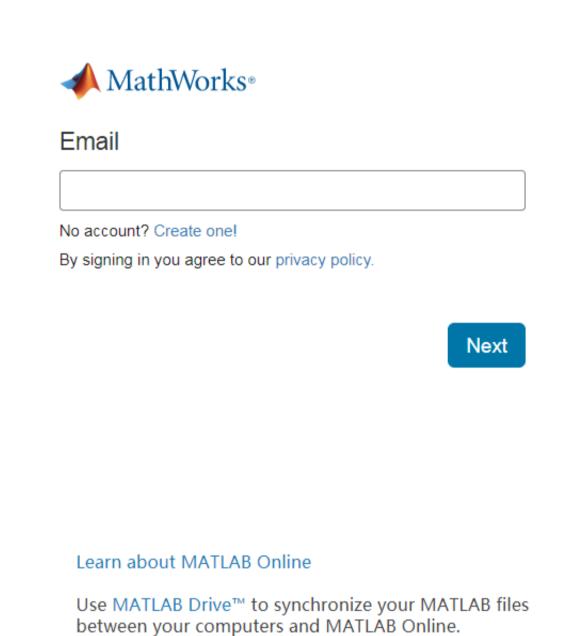
Millions of Engineers and Scientists Trust MATLAB

MATLAB® combines a desktop environment tuned for iterative analysis and design processes with a programming language that expresses matrix and array mathematics directly. It includes the Live Editor for creating scripts that combine code, output, and formatted text in an executable notebook.

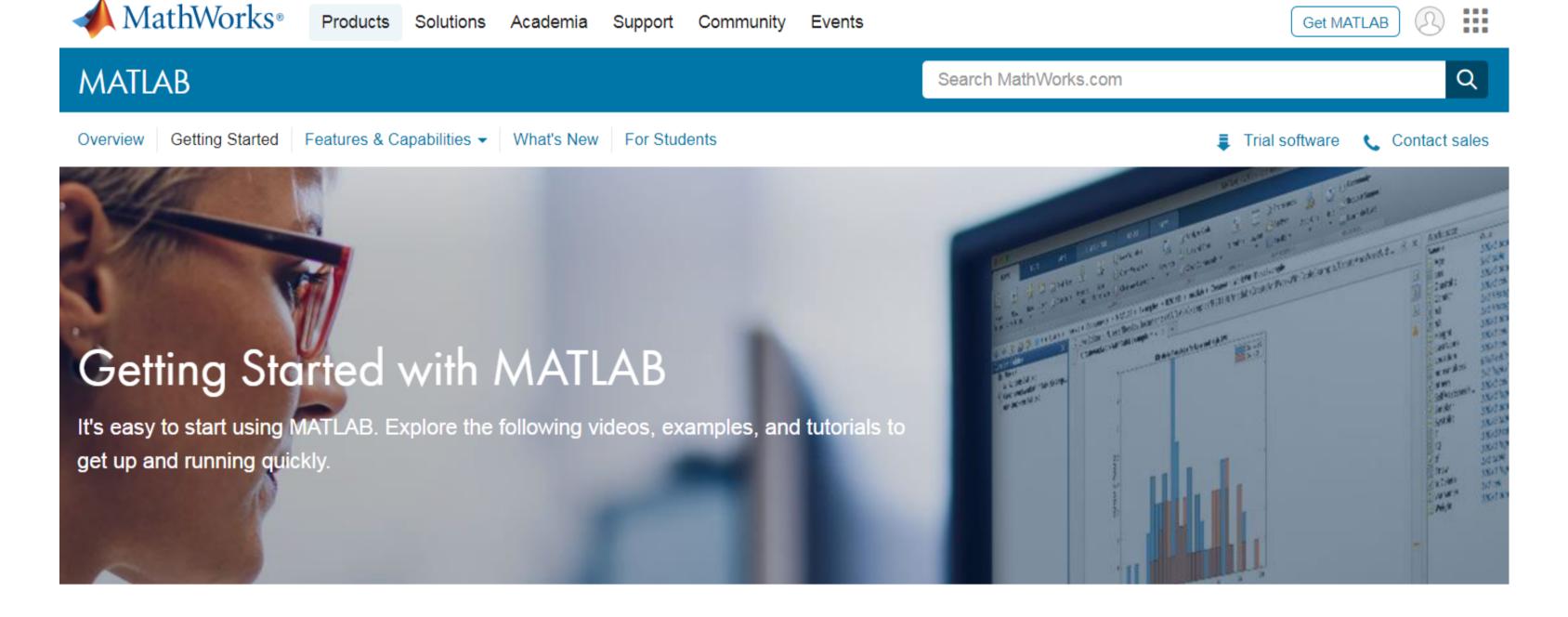
Or use online matlab

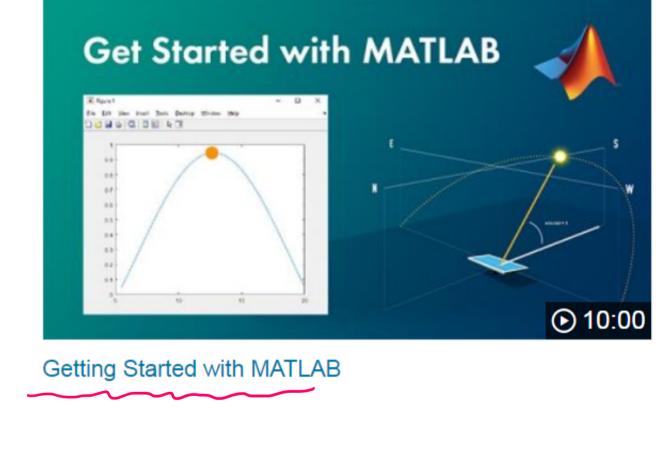
matlab.mathworks.com

MATLAB® Online



Matlab start-up course.





working in MATLAB is like.

Import data, define variables, and perform calculations using elements of the

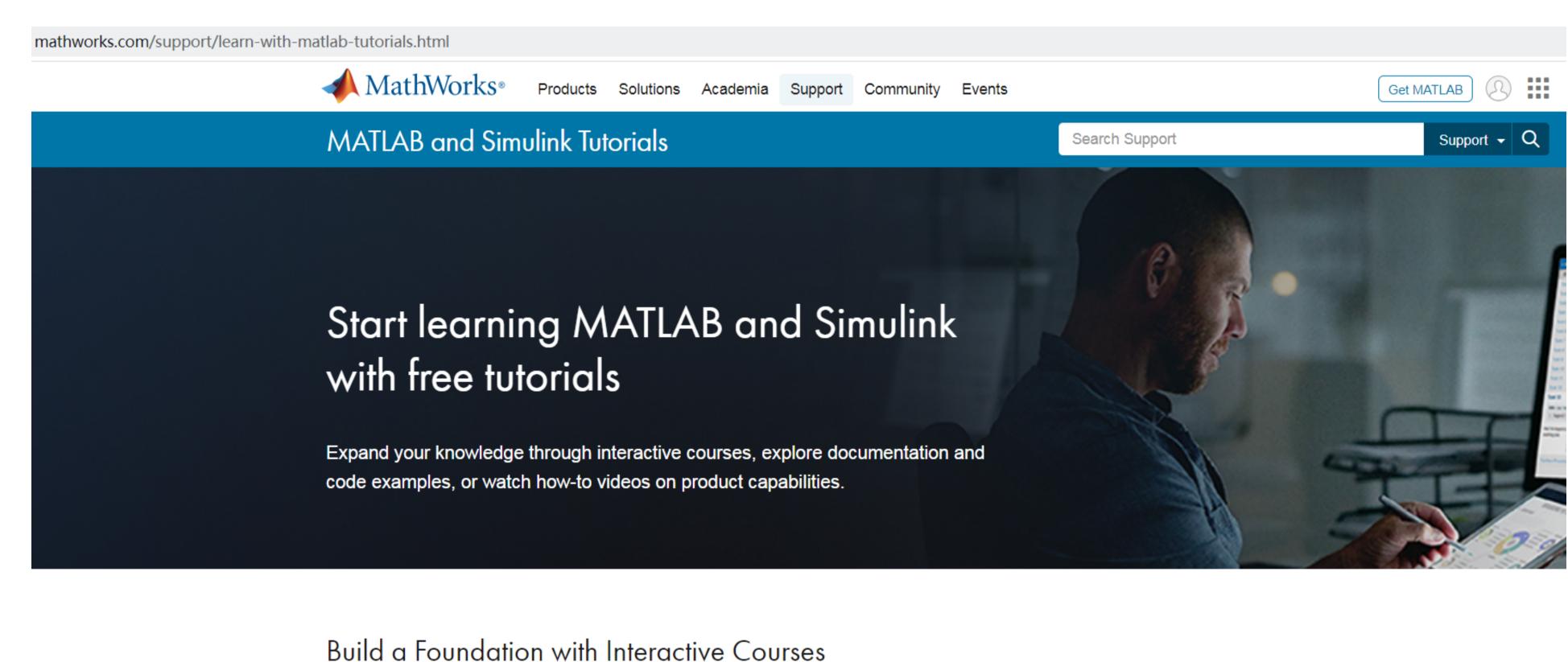
MATLAB desktop environment, including the Command Window, the Workspace

energy production. This video shows you the basics, giving you an idea of what

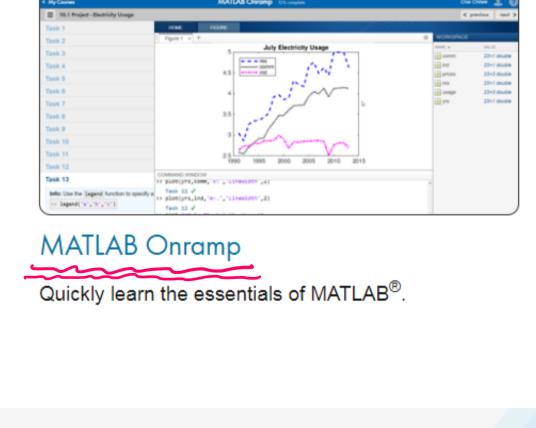
Get started with MATLAB® by walking through an example of calculating solar panel

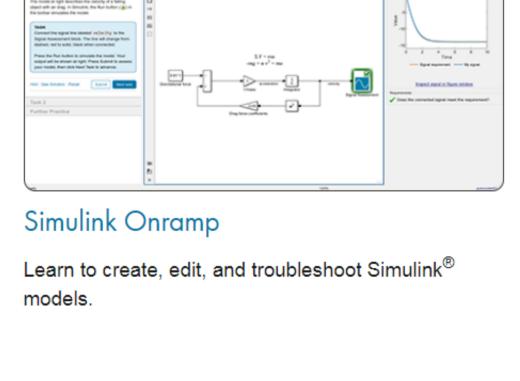
browser, and the Variables editor. Visualize data using prebuilt plots and customize the visualizations. Explore documentation to find built-in functions, guidance on their syntax, and code examples that demonstrate how to use the functions. Lastly, use the Live Editor to create scripts that combine code, output, and formatted text in an executable notebook that can be shared with others.

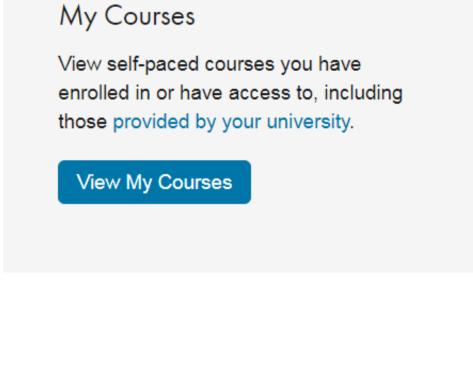
Matlab tutorials



Constant from the first product of the first produc





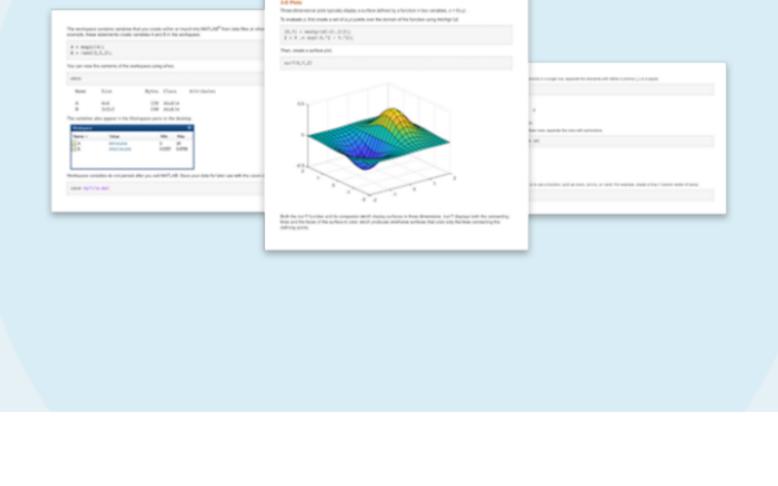


Try examples and read comprehensive documentation on matrices and arrays, plots, block diagrams, Model-Based Design, and other fundamental topics.

MATLAB

Simulink

Explore Examples and Documentation



Get Started with Introductory Videos

Learn how to get up and running quickly with step-by-step videos.

See common applications and workflows, and discover new product

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capabilities.

MATLAB



you the basics, and it gives you an idea

of what working in MATLAB is like.

