

1. 机器人工具箱的网址

<http://petercorke.com/wordpress/>

RESOURCES FOR FUTURE CULTIVATION, CODE, BOOKS AND PROJECTS



Software for robotics, vision and other things. This includes the robotics and machine vision toolboxes for MATLAB®. More recently this has become a book and then two MOOCs.

Everything is freeware so enjoy!

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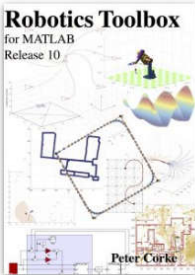
Robot Academy



The QUT Robot Academy provides free-to-use undergraduate-level learning resources for robotics and robotic vision. The content was developed for two 6-week MOOCs that ran in ...

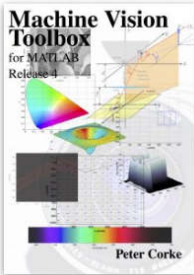
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Robotics Toolbox



The Robotics Toolbox provides essential functions for the study and simulation of mobile robots and robot arm manipulators, with functions include path planning, localization, kinematics and dynamics...

Machine Vision Toolbox



The Machine Vision Toolbox provides essential functions for the study and practice of computer vision and vision-based control. Functionality includes image display, filtering, blob, point and line feature extraction, mathematical morphology, fundamental and ...

2. 使用机器人工具箱建议使用 MATLAB 2018b 及以上版本，MATLAB 2018b 的下载及安装教程见《matlab2018 安装文件》。

3. 机器人工具箱的英文参考书为《Robotics, Vision and Control》；中文版如下图所示。



机器人学、机器视觉与控制—MATLAB算法基础 [R

价格 **¥99.00**

运费 天津 至 常州 快递: 8.00 EMS: 25.00

月销量 **0** | 累计评价 **0** | 送天猫积分 **49**

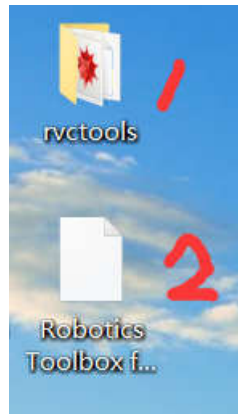
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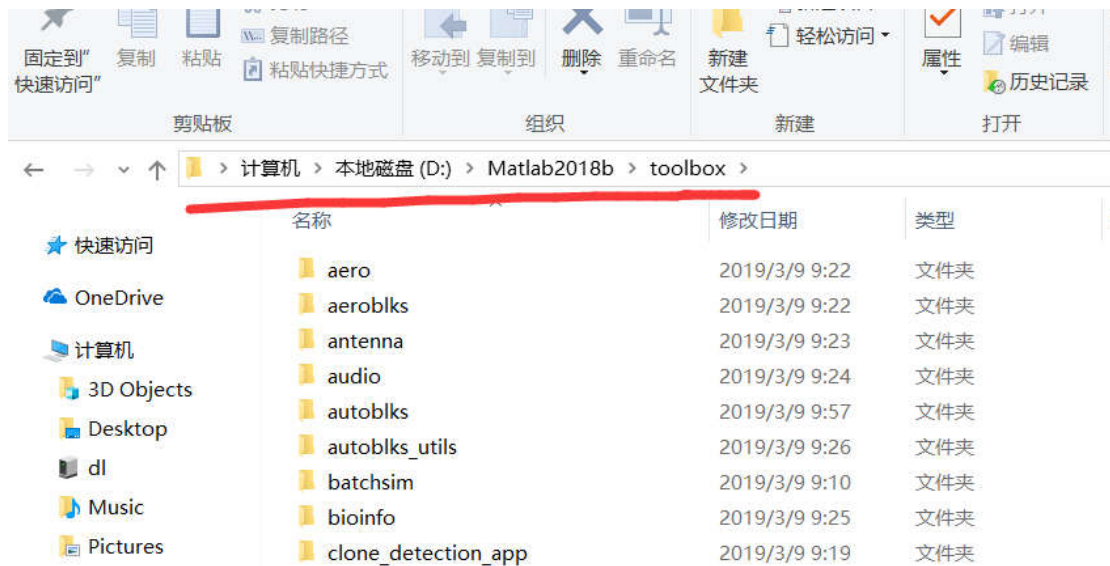
服务承诺 正品保证 极速退款 七天无理由退换 支付方式 **▼**

4. 机器人工具箱有 2 种，robot-9.8 适合 matlab 2016 以下版本，robot-10.2 适合 matlab 2017 以上版本。现在以 robot-10.2 来介绍机器人的安装步骤。

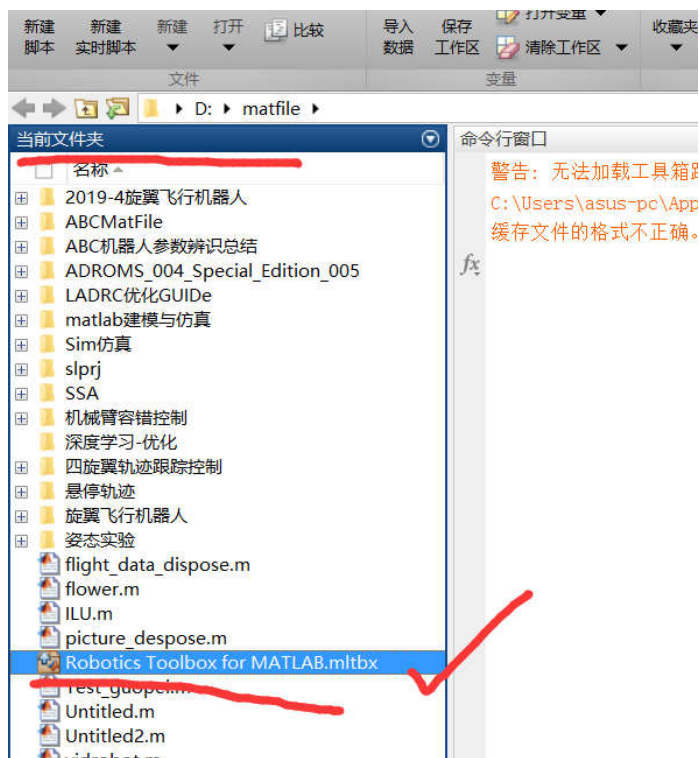
Step 1: 解压 robot-10.2.zip，得到文件 1 与文件 2。



Step 2: 复制文件夹 rvctools 到 matlab 安装目录中的 toolbox 文件下，如下图。



Step 4: 将文件 2 复制到 matlab 软件中，并双击，系统会自动安装，并显示“完成”。



Step 5: 测试工具箱。在主窗口输入“mdl_puma560”，若在工作区出现下图中的变量，说明安装成功。

