Report: (Grade: 30%)

Start Assignment

Due Monday by 23:59 **Points** 30 **Submitting** a text entry box or a file upload
File types doc, txt, and pdf **Available** 4 Jul at 0:00 - 20 Jul at 23:59

Title: Your first try of deep learning for control

Intro: Read the attached materials, try the code, and modify to achieve better control performance, and deliver a report (no more than 2 pages) before 18th July.

Target: (1) Know how to install deep learning env; (2) understand basics of reinforcement learning; (3) try pole-card, the classical control example, in deep learning gym env; and (4) try to find out more in this new direction by yourself.

Advice: In case there is any questions about installation, please seek help from the two TAs.

DL_tutorial_Xun_2021.pdf (https://pku.instructure.com/courses/1205/files/293566/download?download_frd=1) **Pole-cart_Xun2.py** (https://pku.instructure.com/courses/1205/files/293567/download?download_frd=1) **Pole-cart_Xun.py** (https://pku.instructure.com/courses/1205/files/293568/download?download_frd=1)