For Explorations 1 and 2, you may use either the “new” controller, which uses $K_1e[n] + K_2e[n-1]$, or the “Position-plus-Angle” controller, which uses $K_3e[n] + K_4\theta[n]$. [It turns out that both are interesting, so you can choose the one that interests you more.]

We have also provided “Code for Exploration 6” which contains a new version of “SystemFunction.pyc” that can find the roots of higher-order systems. [The one in “Code for Design lab 6” only works for orders less than 4.]