DMCTR

This script can control the DM, it needs installed pythonnet and it needs 3 dll files from the contrstuctor (Thorlabs.TLDFM\_64.Interop.dll ,TLDFM\_64.dll and Ivi.Visa.Interop.dll)

It has main 4 functions

1. init🡪 to initialize the dm,
2. setvoltages 🡪 to set the actuators to the desired voltages

the input of this function is an array with length 43 or 40 . The first 40 entries refer to the mirror actuators and the last 43 refer to the mirror arms for tip and tilt. If the input array has length 40 the actuators for the tip tilt arm are excluded.

In this function the input value is automatically increased by 100.

1. relax 🡪 to relax the mirror (fuction which goes smoothly to the desired voltages)
2. getvoltages 🡪 to read the voltages on the mirror.