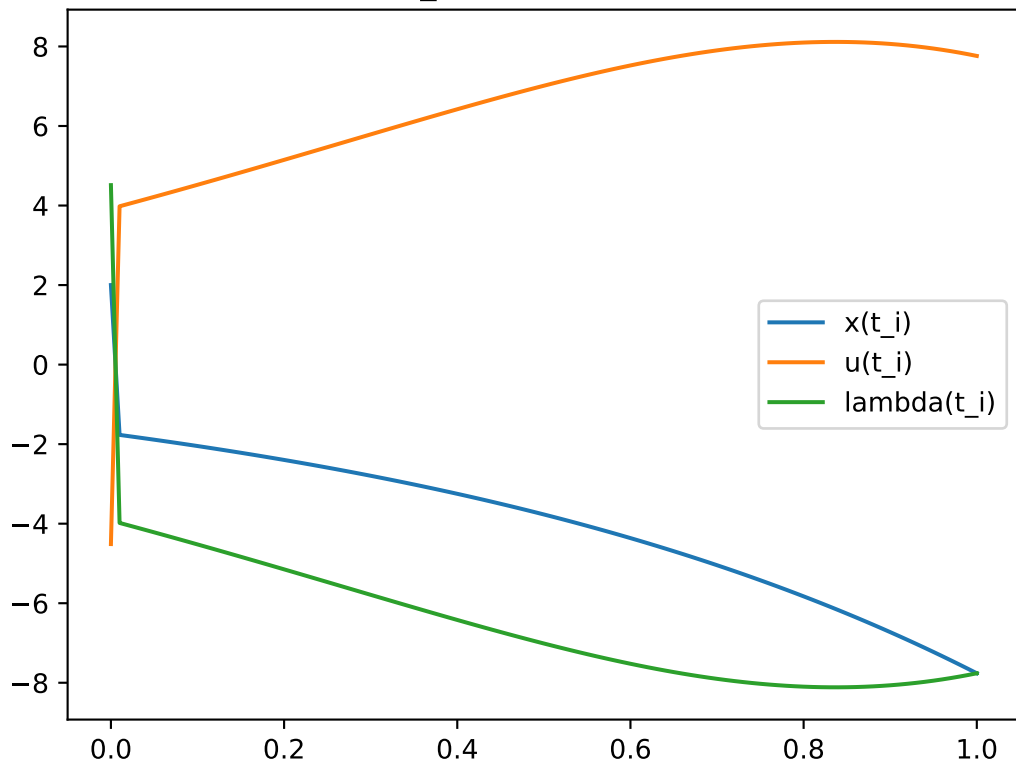


$N=100$ ;  $t_i=0, 1/N, 2/N, \dots, 1$ ;  $a=1$



$N=100$ ;  $t_i=0, 1/N, 2/N, \dots, 1$ ;  $a=-1$

