

CLL:113-Tut-9(16.10.19)

For the problem given in Tut-8, find numerically the stability envelope for

1. RK-2 (all methods discussed in class)
2. Classical RK-4 method.

For $h=0.5$, repeat Classical RK-4 method with Richardson modification at each iterative step.

For all cases solve for non-dimensional length of the reactor to be 50 units.

Plot the true vs the obtained solution for each case. You can use excel for this particular tutorial.