

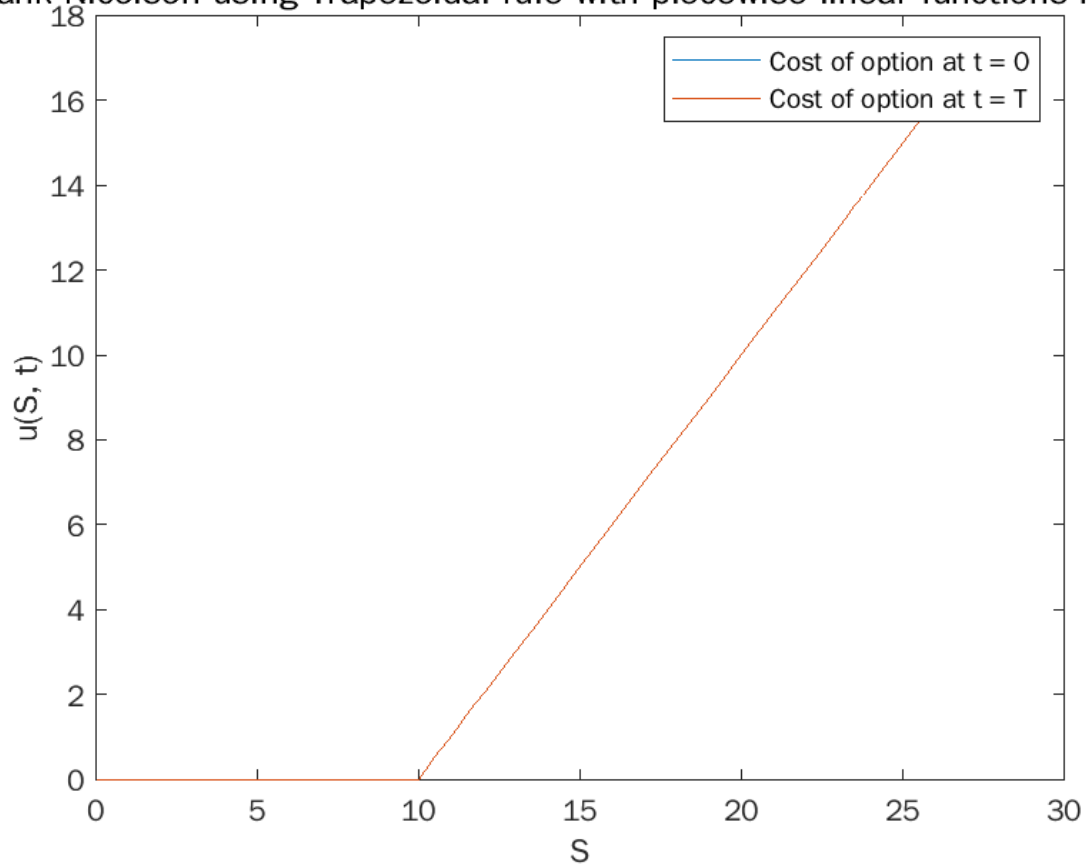


MA 473 Lab 09

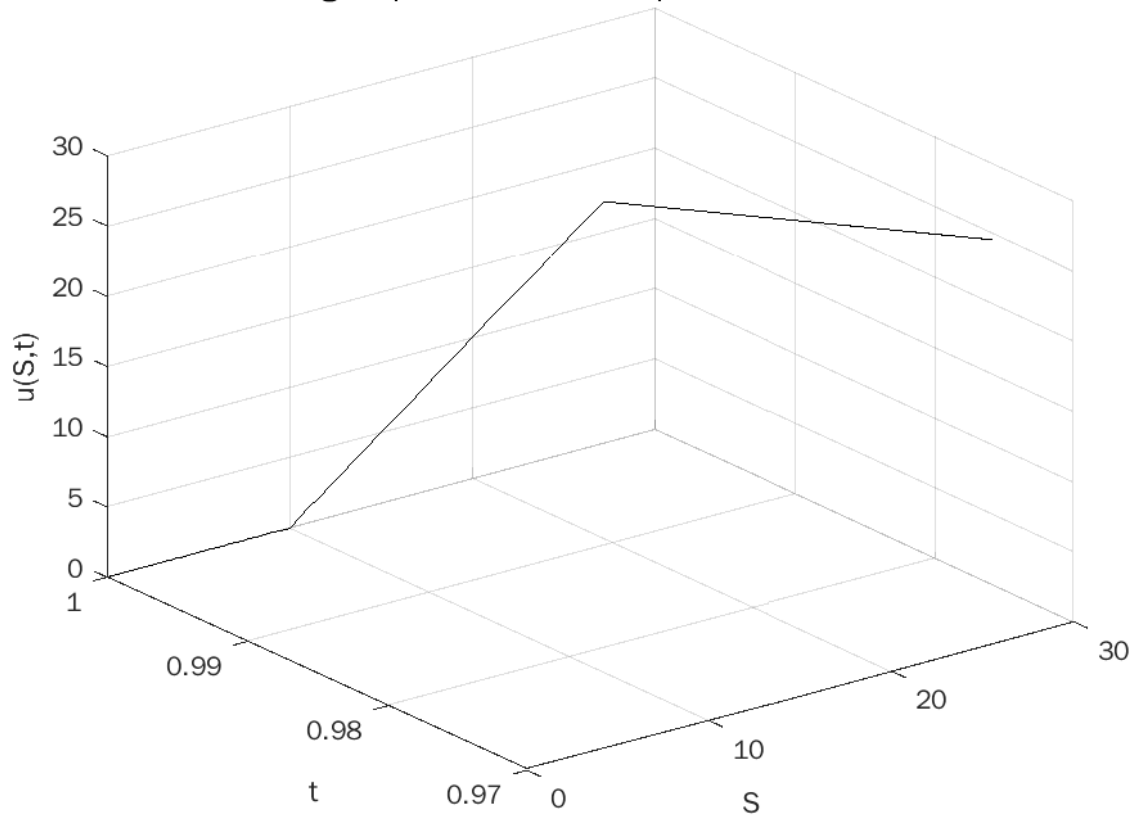
Eklavya Jain
180123065

Question 1

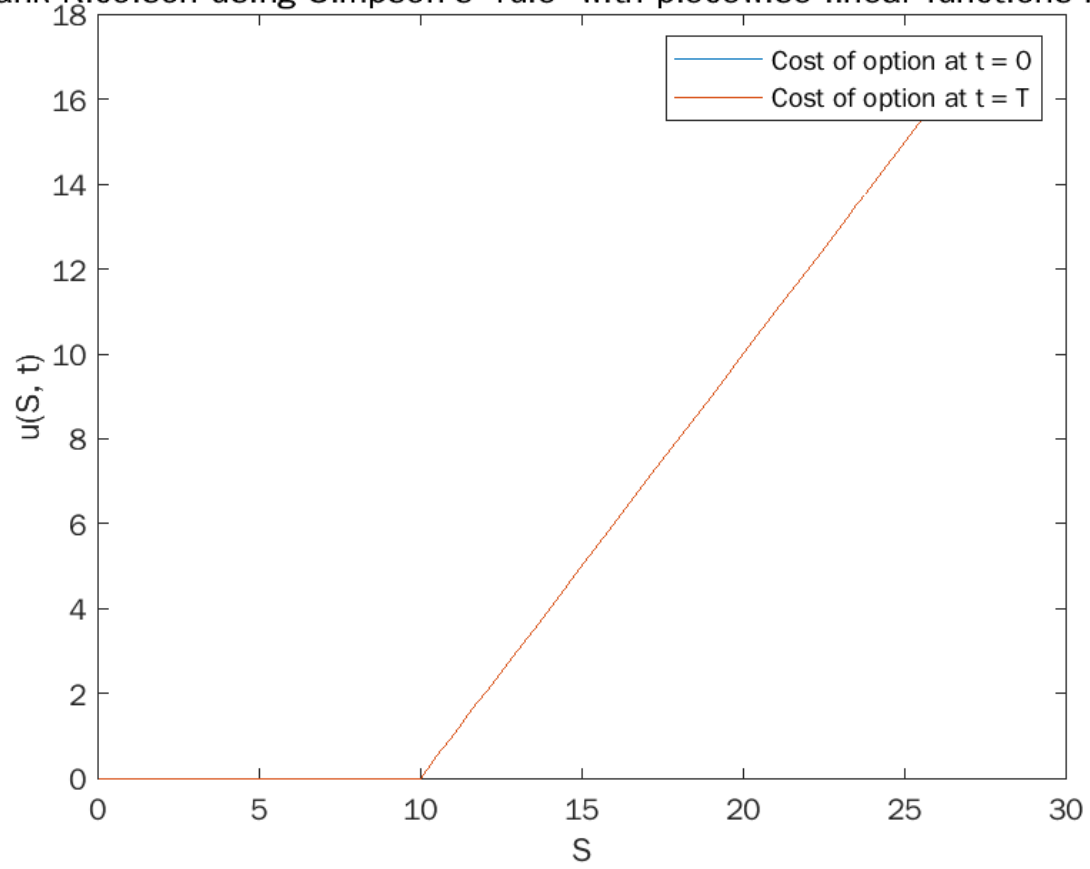
Crank-Nicolson using Trapezoidal rule with piecewise linear functions method



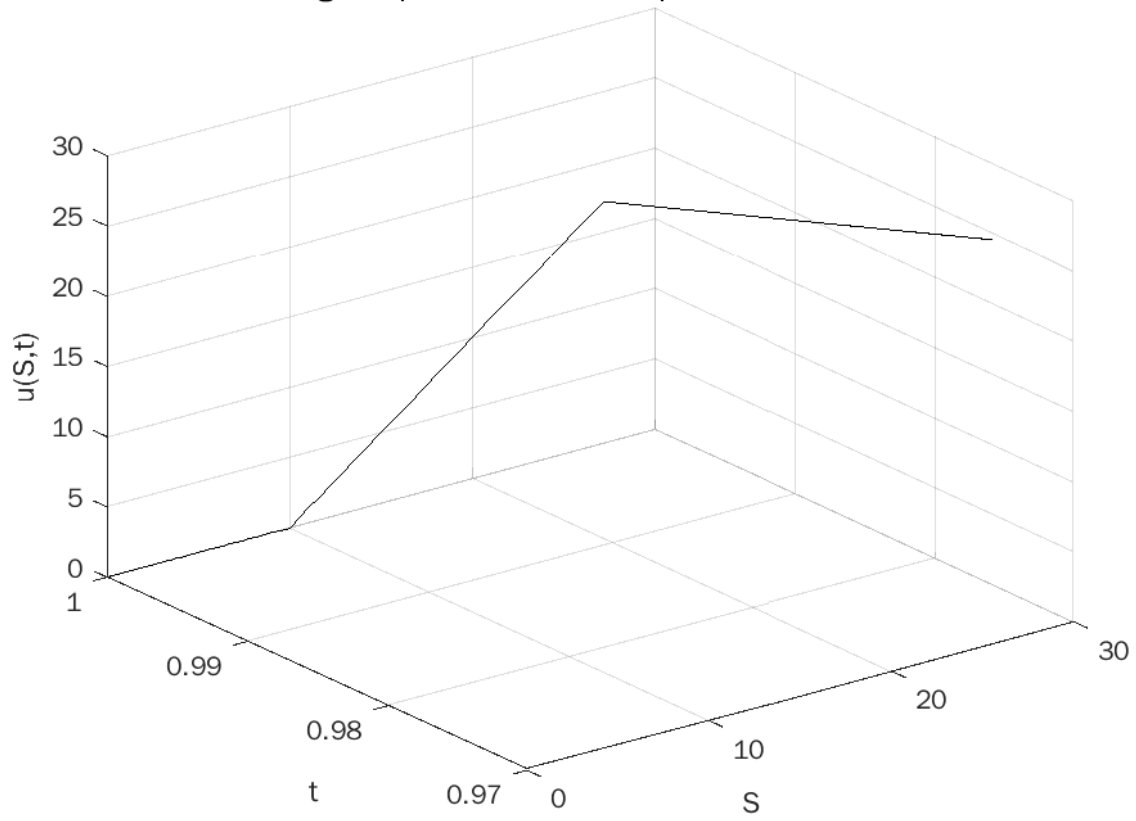
Crank-Nicolson using Trapezoidal rule with piecewise linear functions method



Crank-Nicolson using Simpson's rule with piecewise linear functions metho

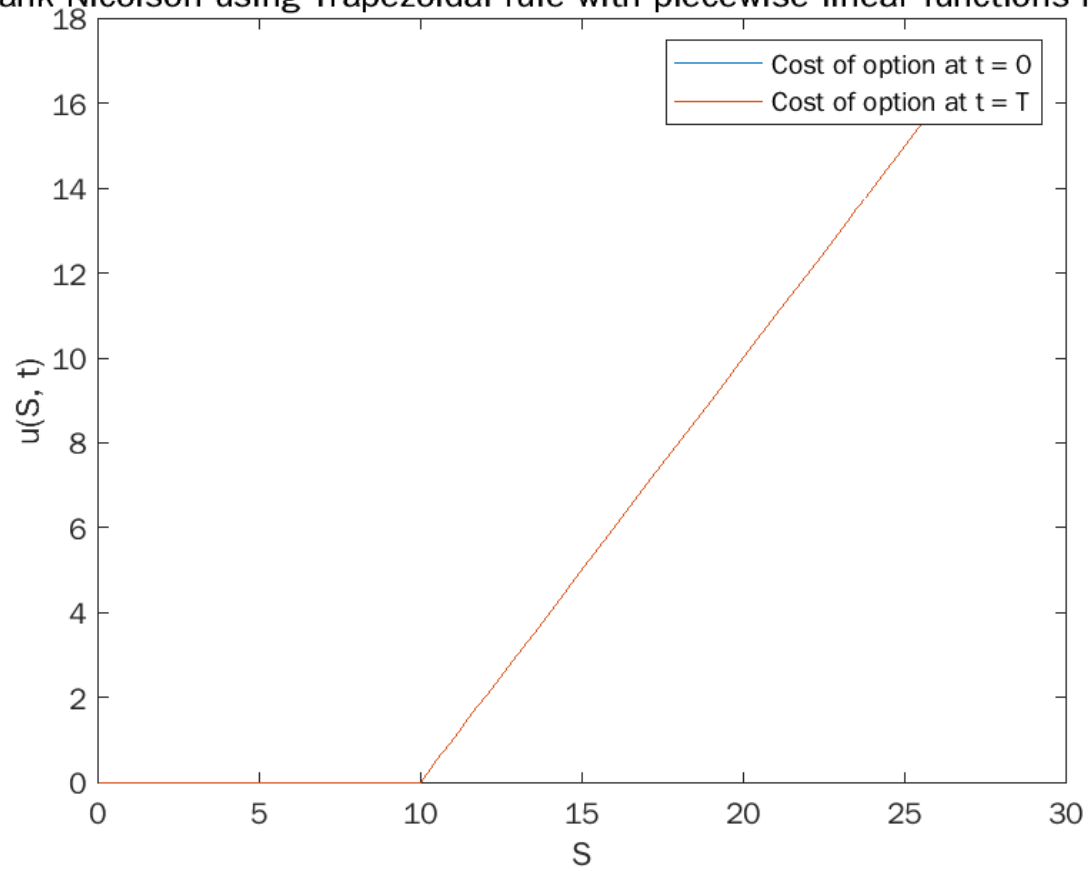


Crank-Nicolson using Simpson's rule with piecewise linear functions method

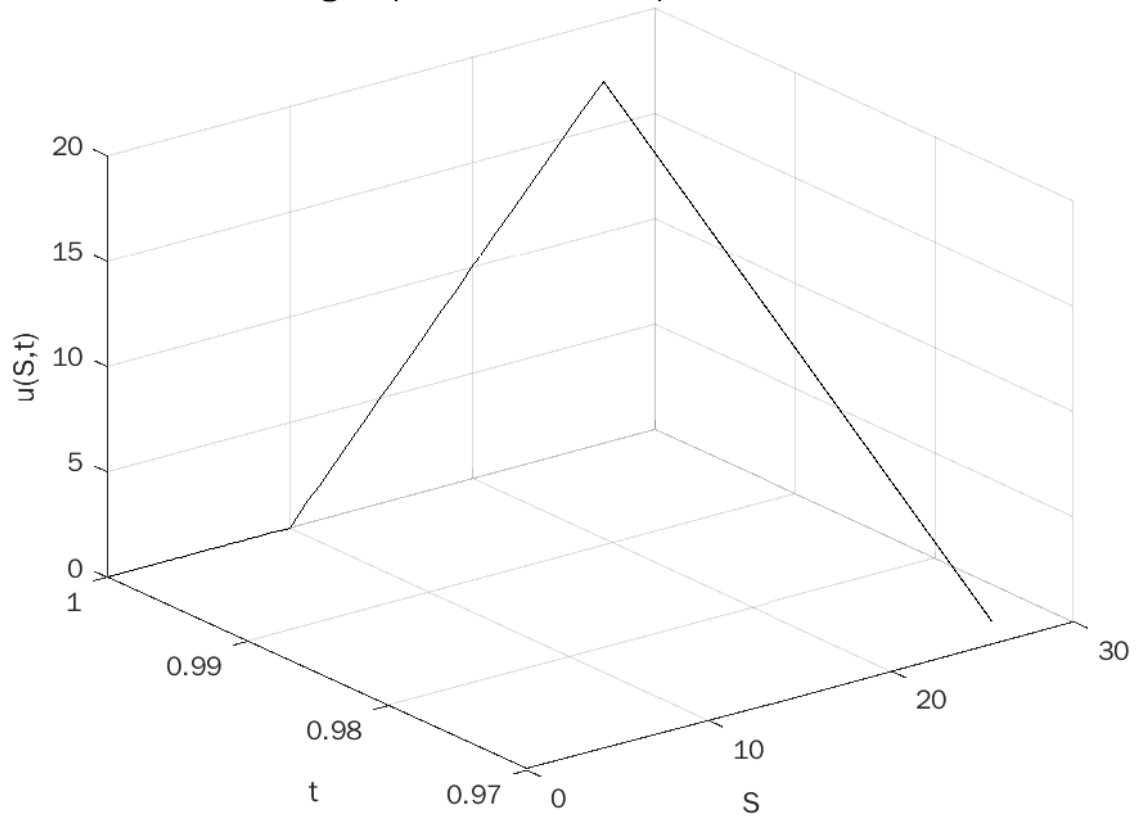


Question 2

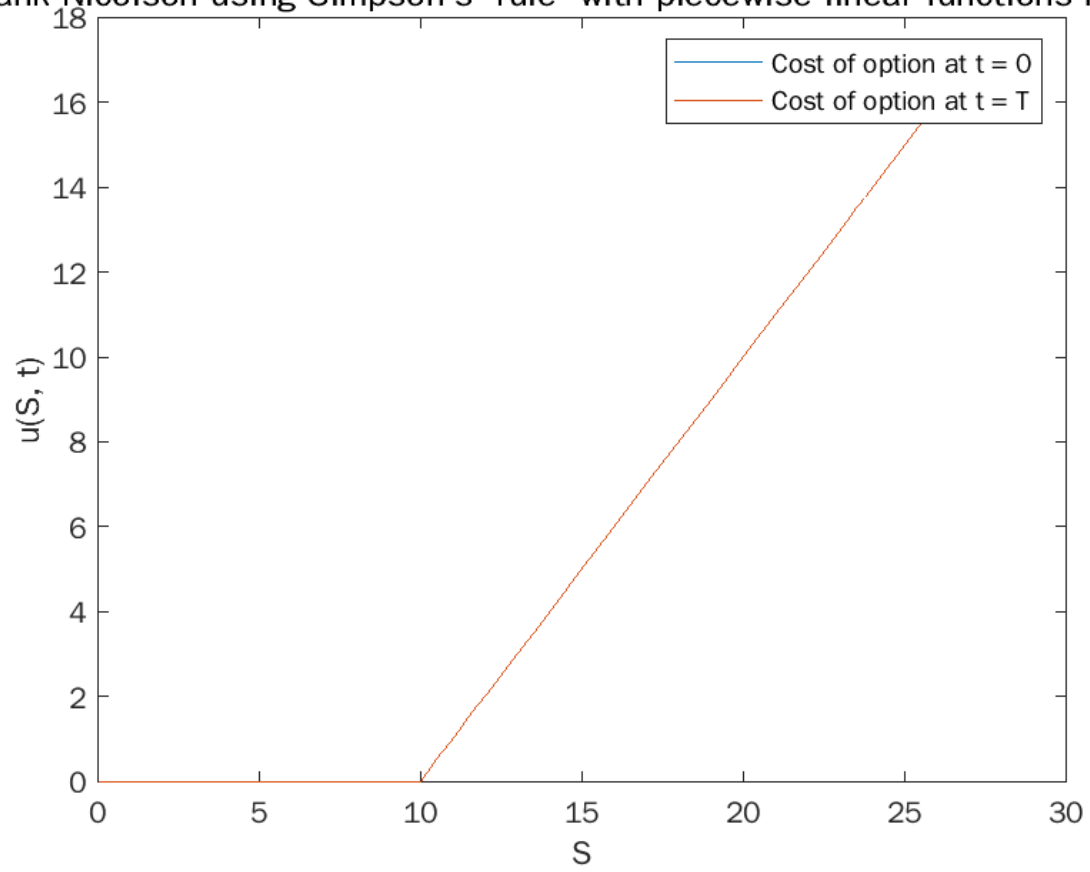
Crank-Nicolson using Trapezoidal rule with piecewise linear functions method



Crank-Nicolson using Trapezoidal rule with piecewise linear functions method



Crank-Nicolson using Simpson's rule with piecewise linear functions metho



Crank-Nicolson using Simpson's rule with piecewise linear functions method

