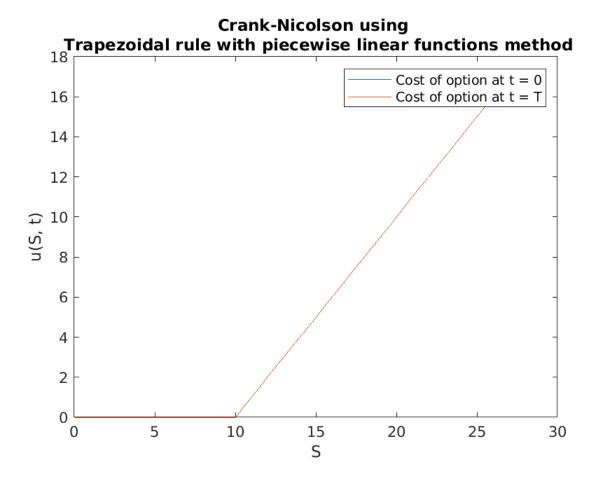


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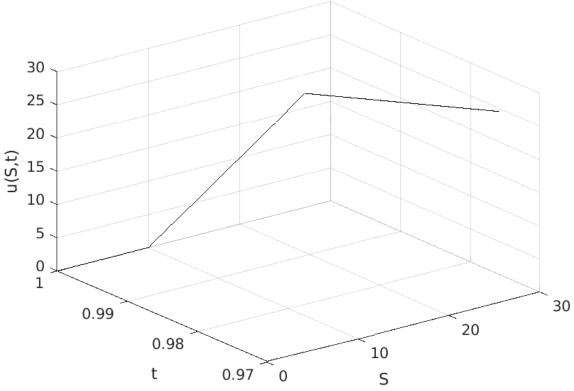
AB Satyaprakash (180123062)

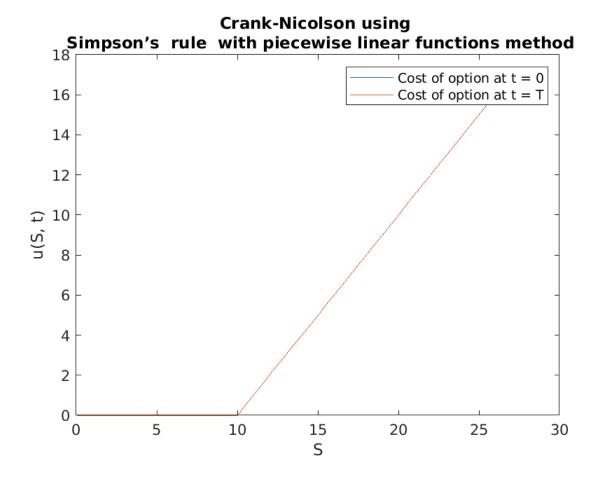
31 Oct 2021

Question 01:

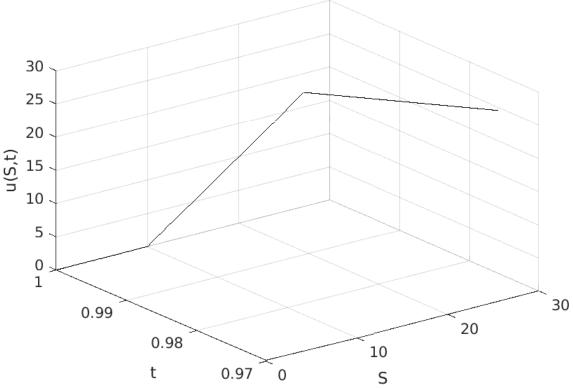


Crank-Nicolson using
Trapezoidal rule with piecewise linear functions method

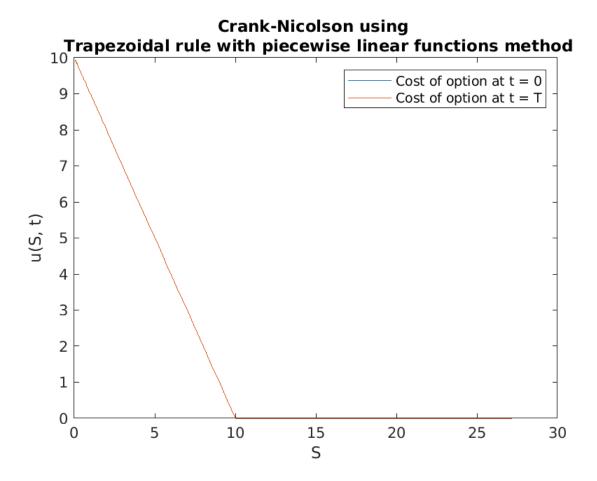




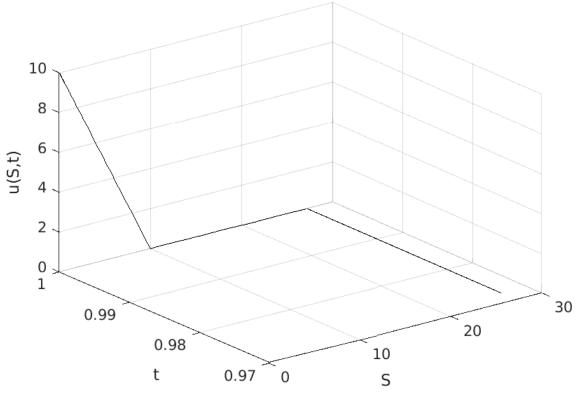


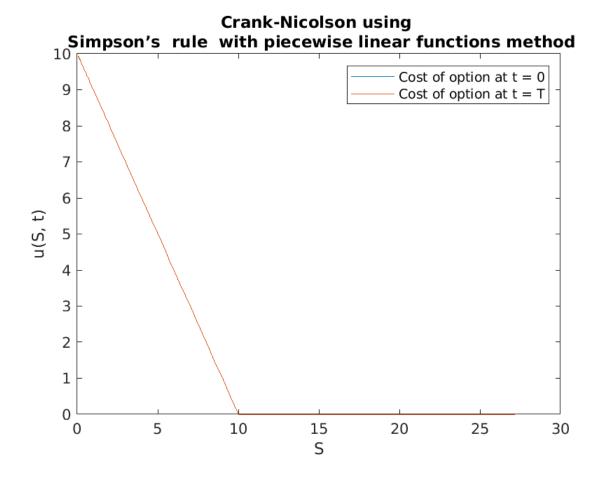


Question 02:



Crank-Nicolson using Trapezoidal rule with piecewise linear functions method





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

