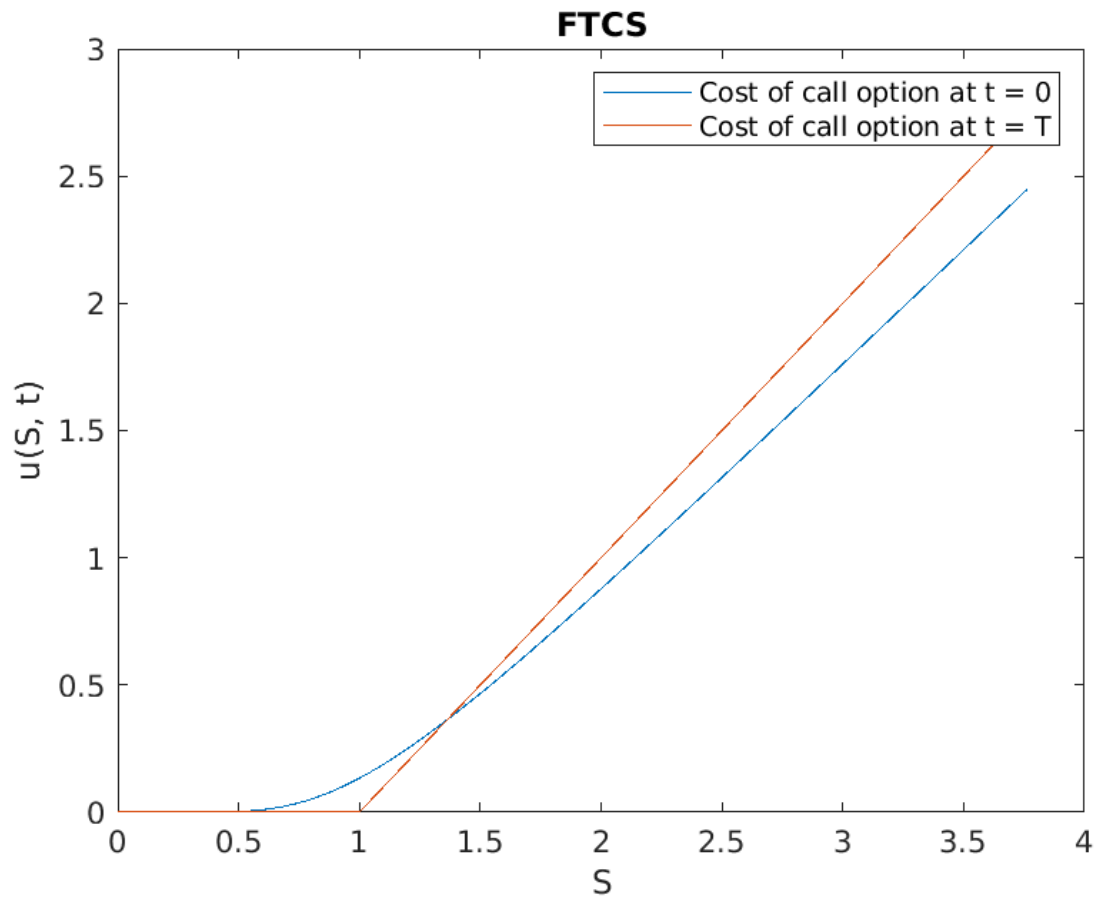


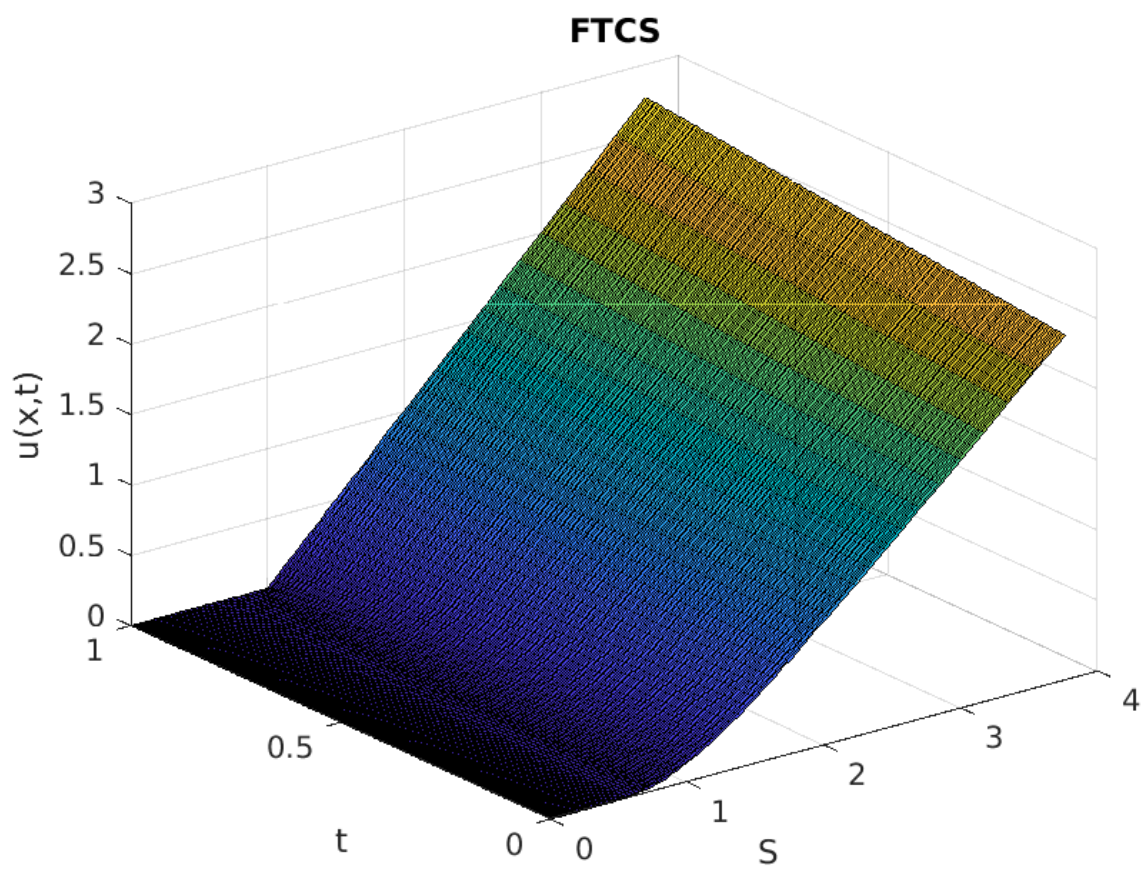
Computational Finance MA473 Lab 04

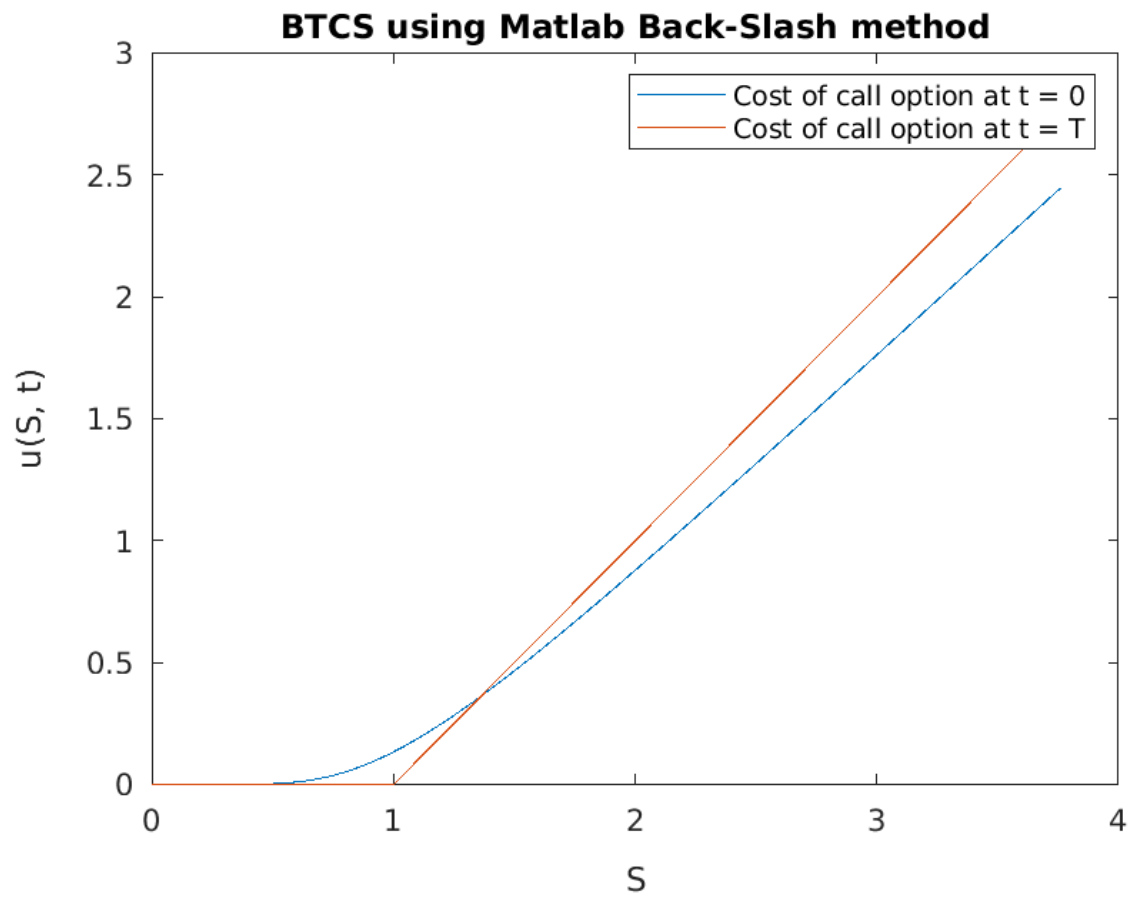
Name: **Naman Goyal**

Roll No: **180123029**

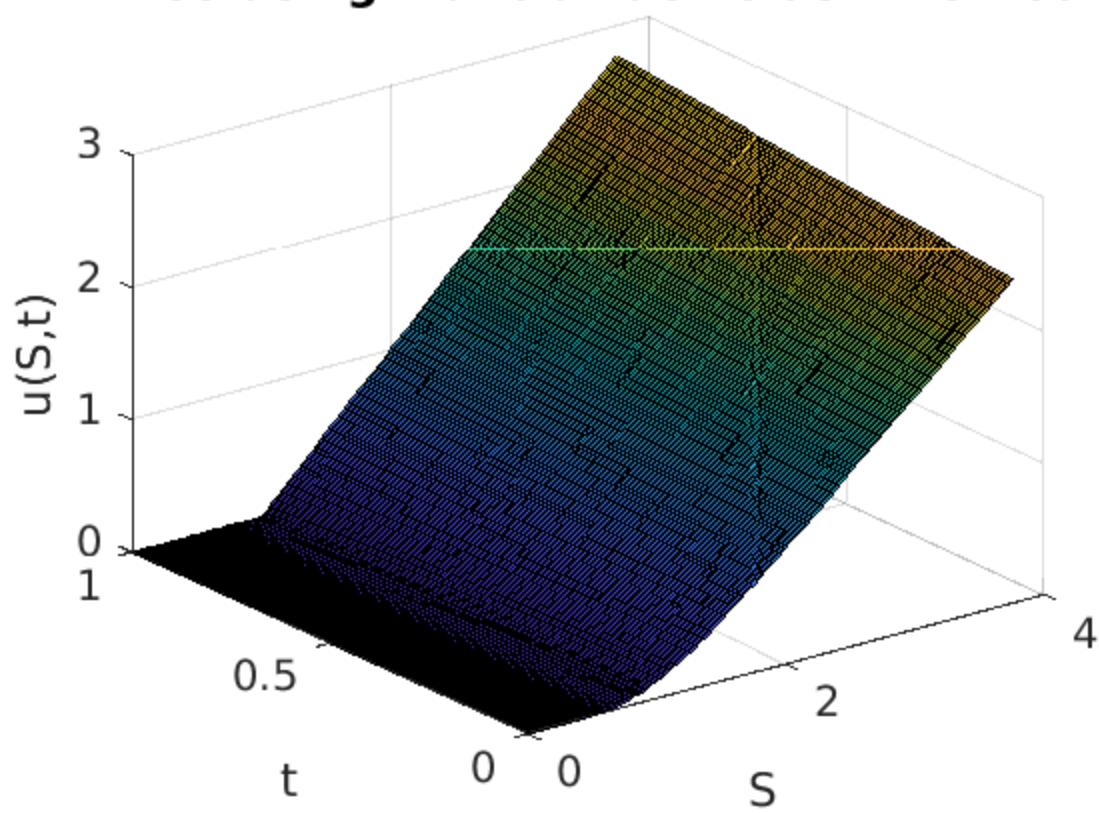
Ques.1

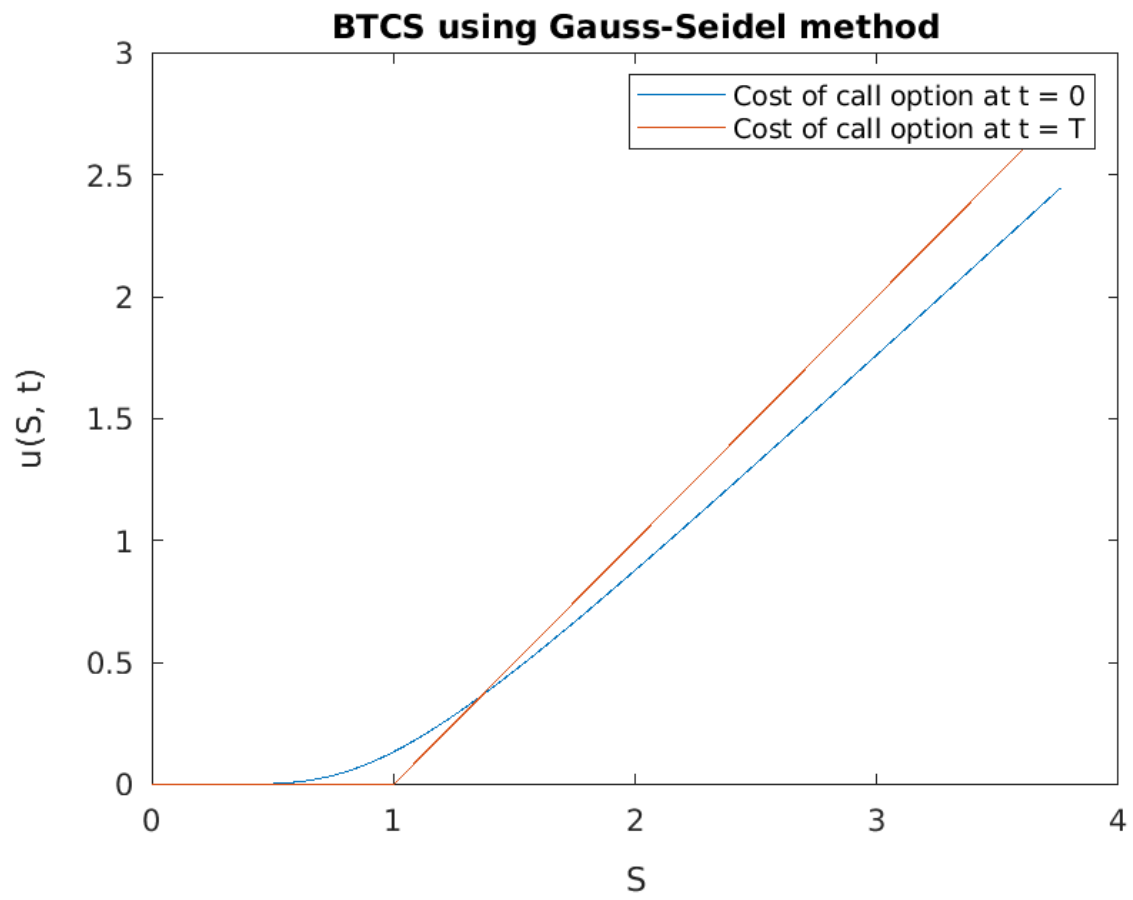




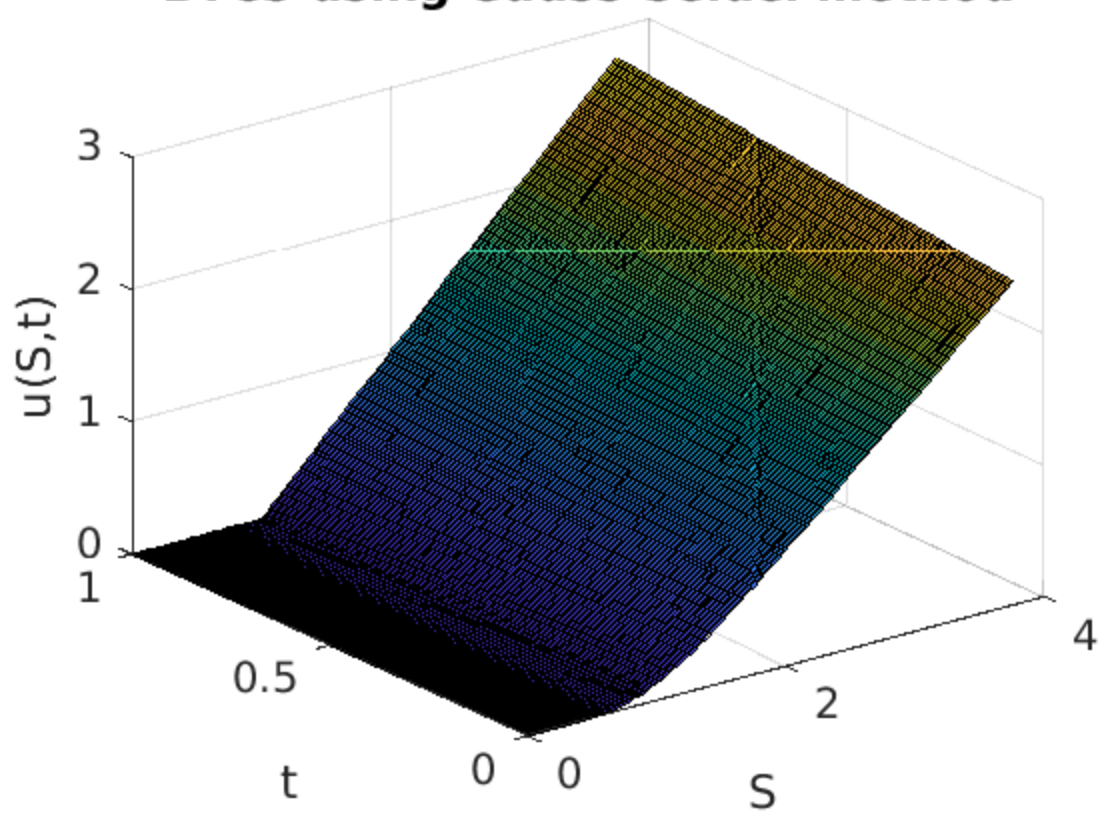


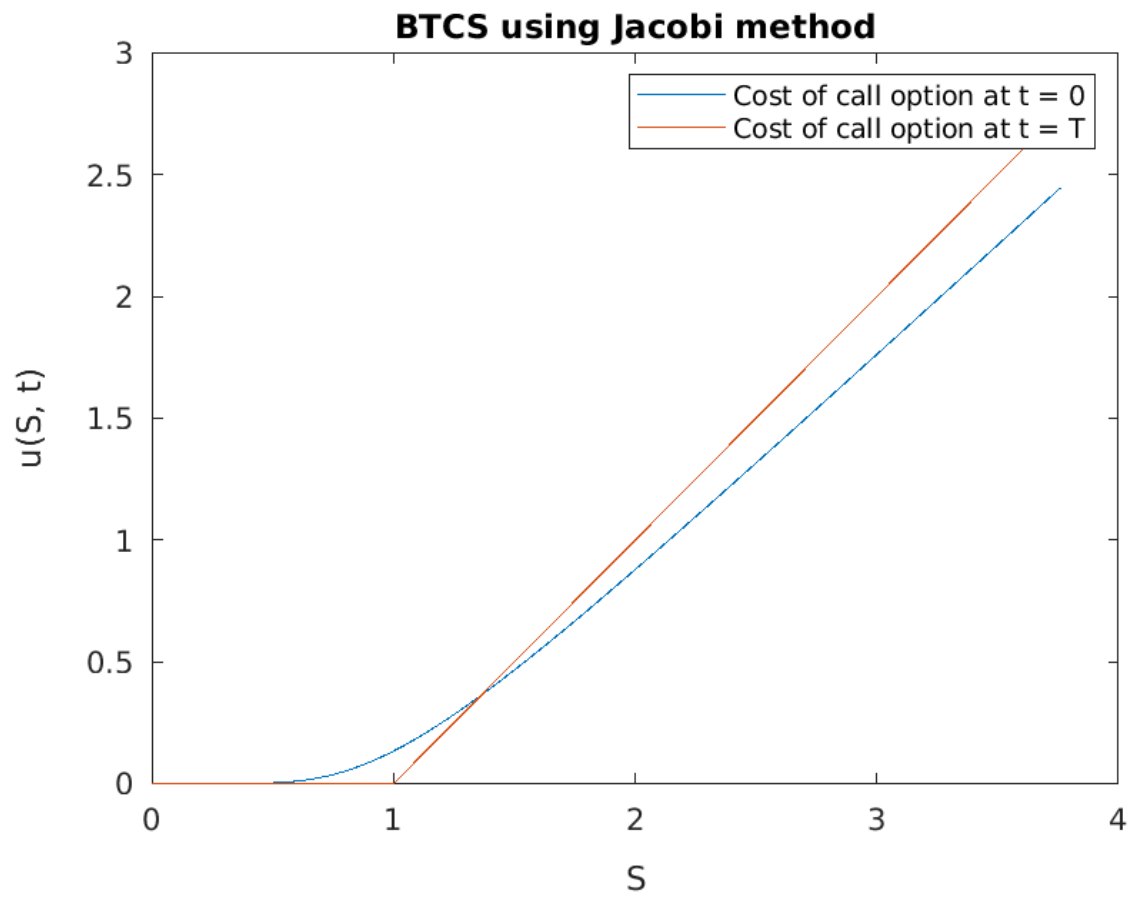
BTCS using Matlab Back-Slash method



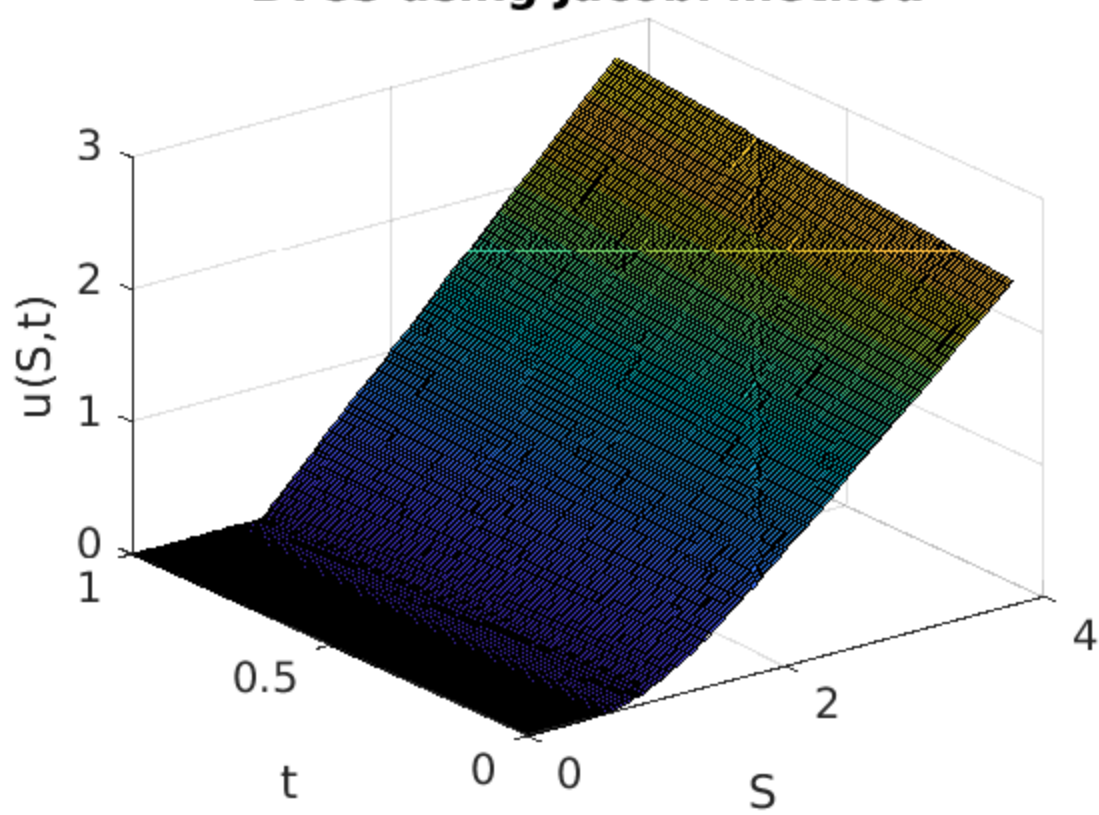


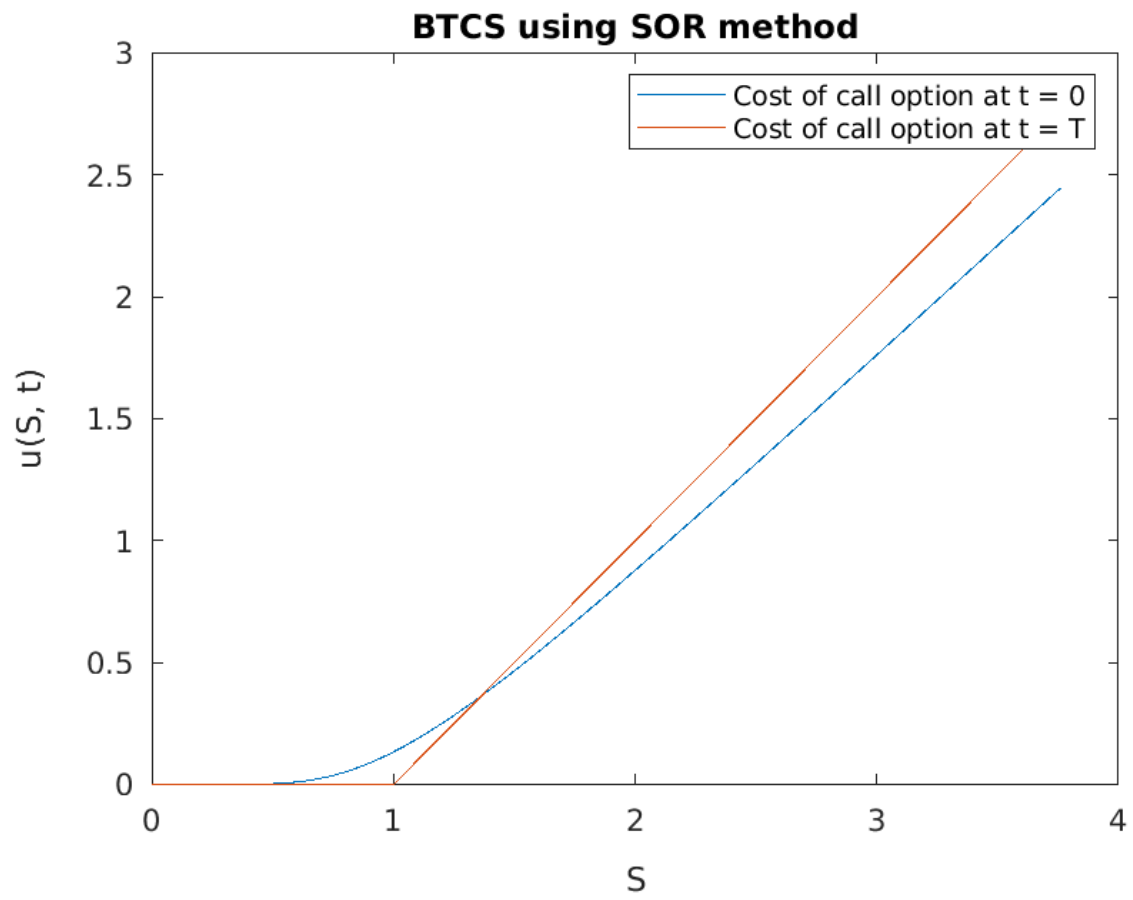
BTCS using Gauss-Seidel method



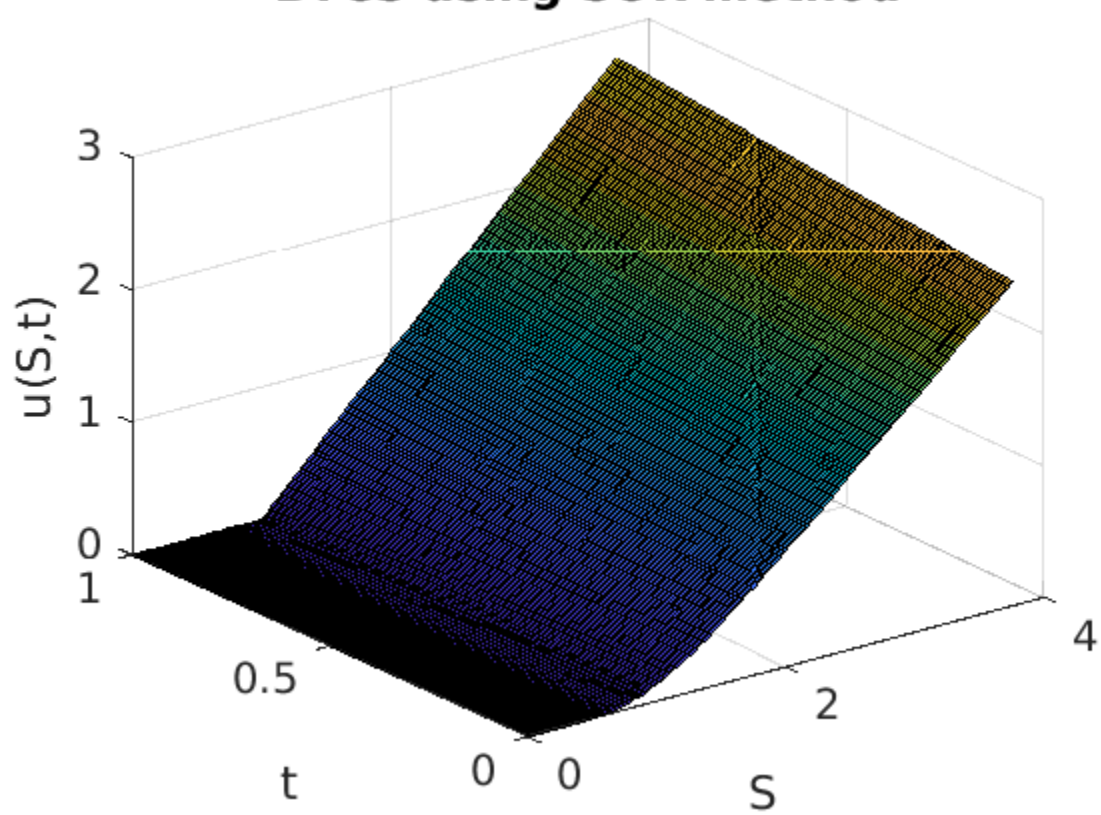


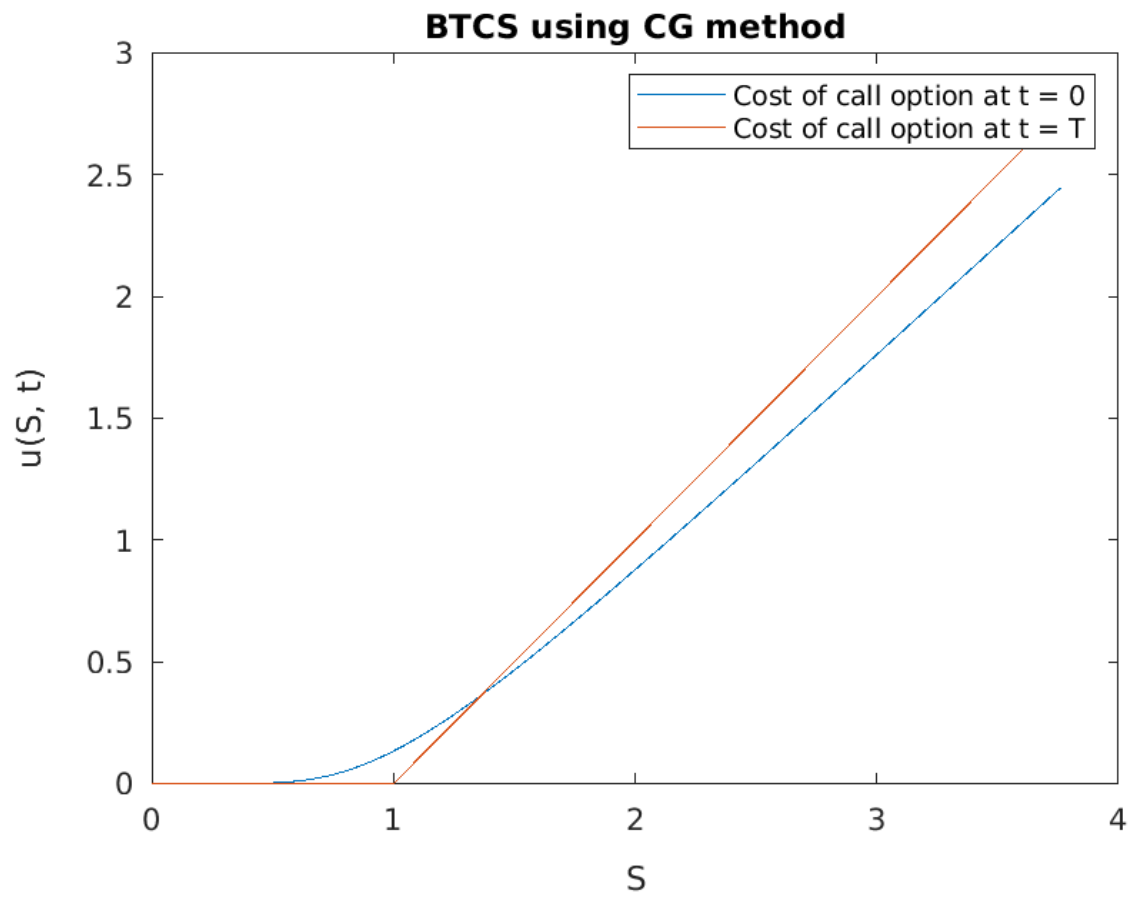
BTCS using Jacobi method



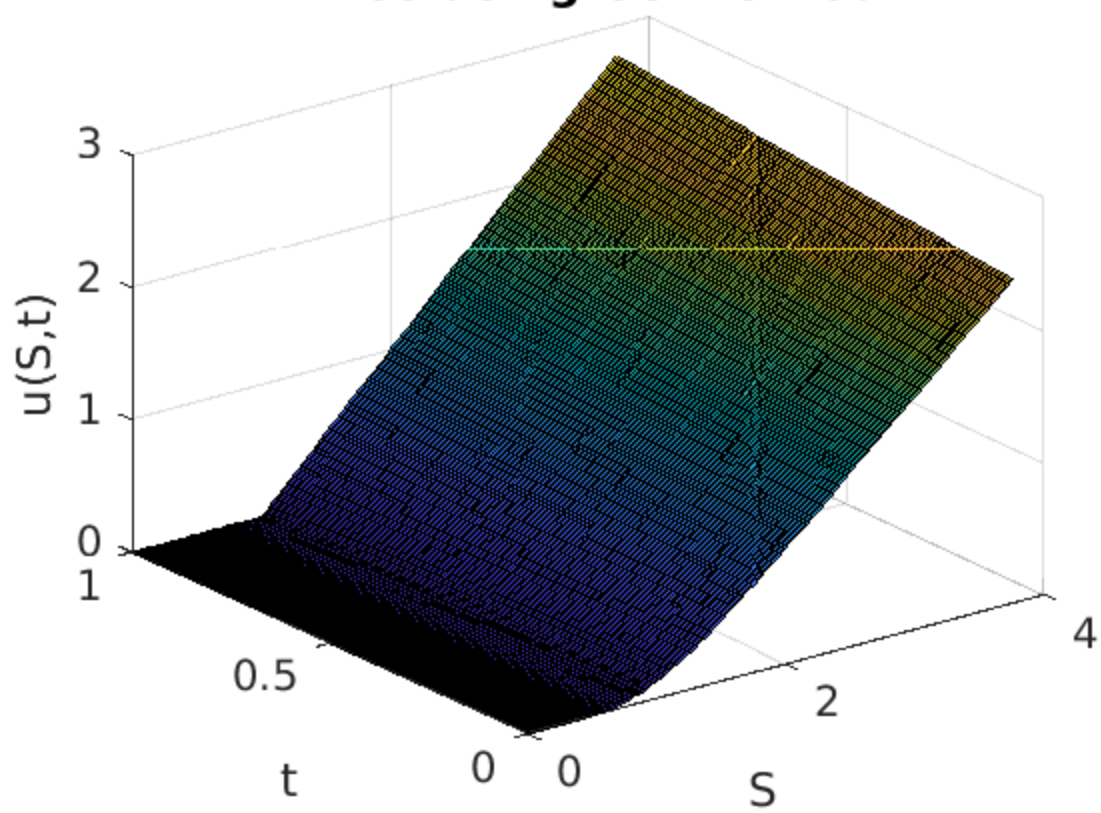


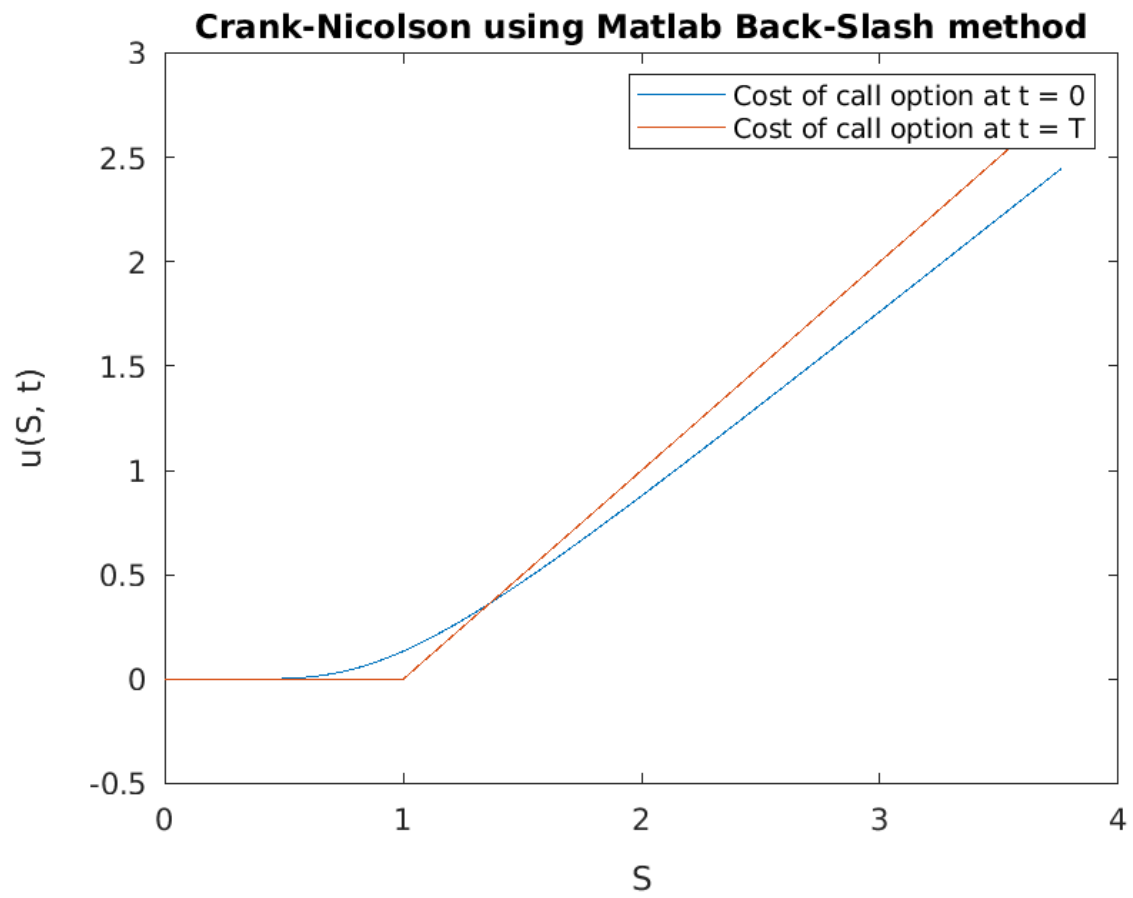
BTCS using SOR method



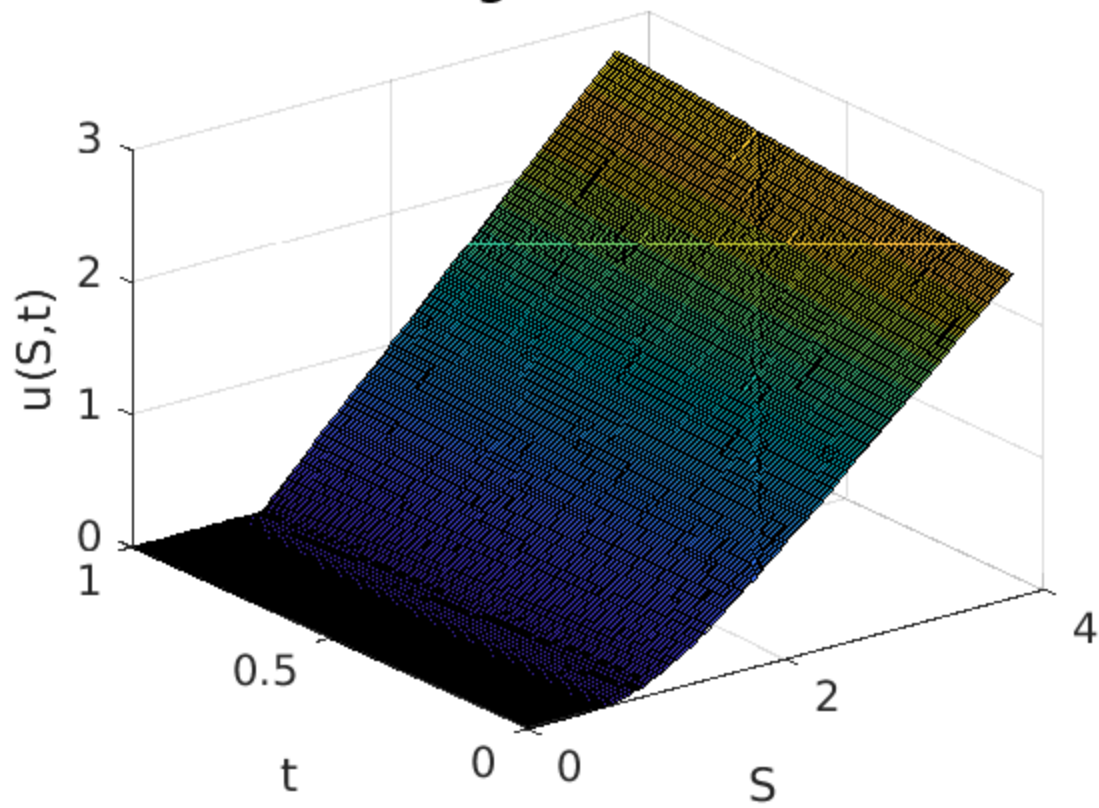


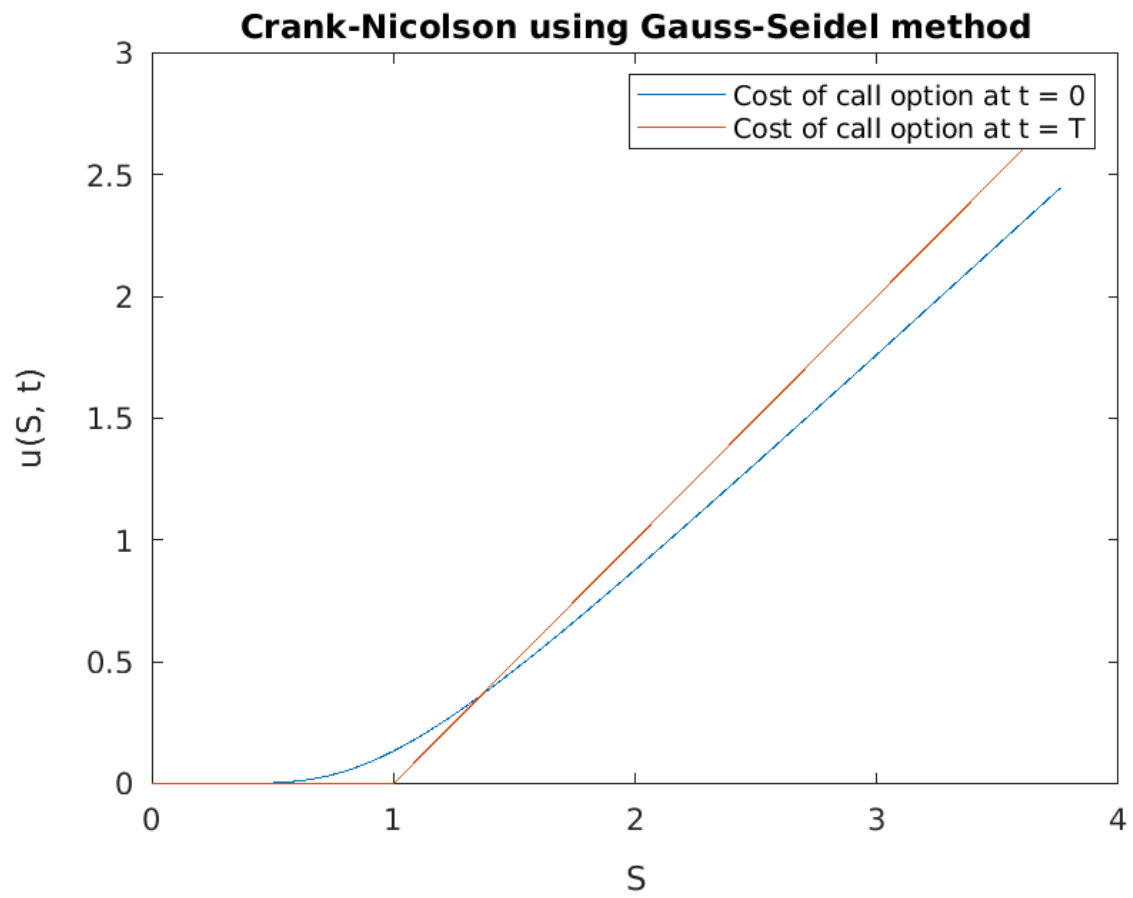
BTCS using CG method



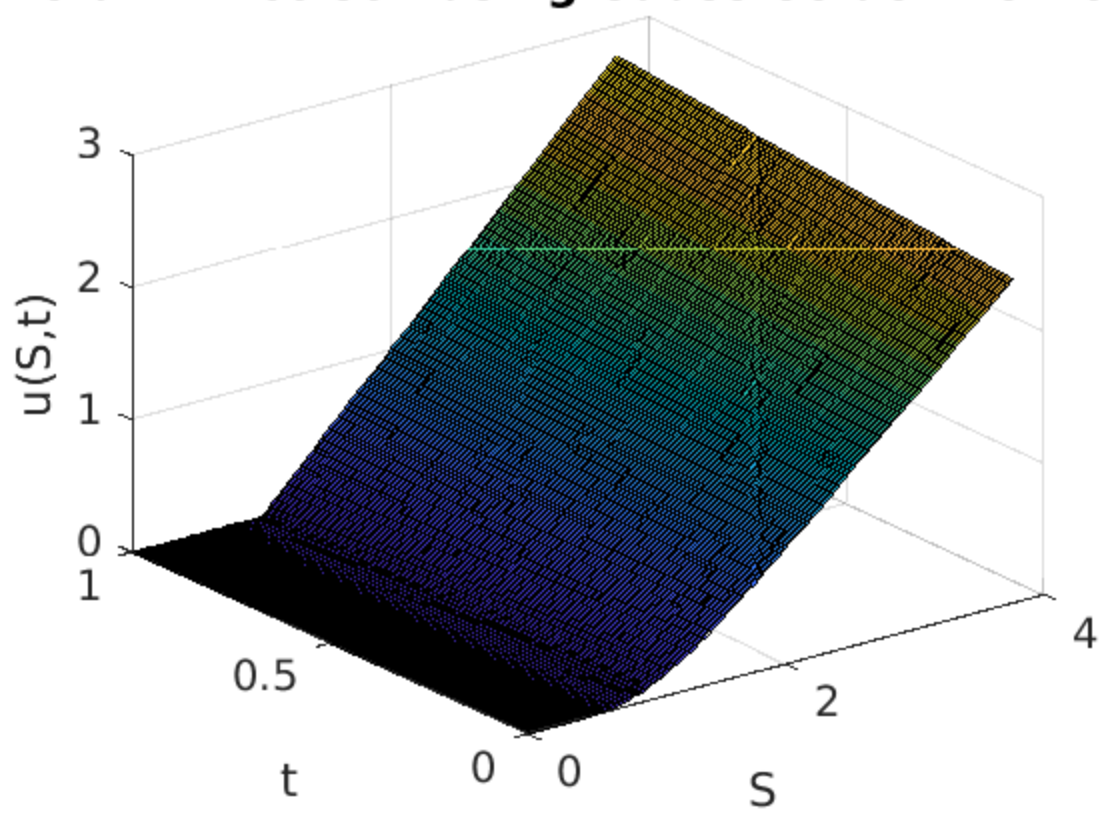


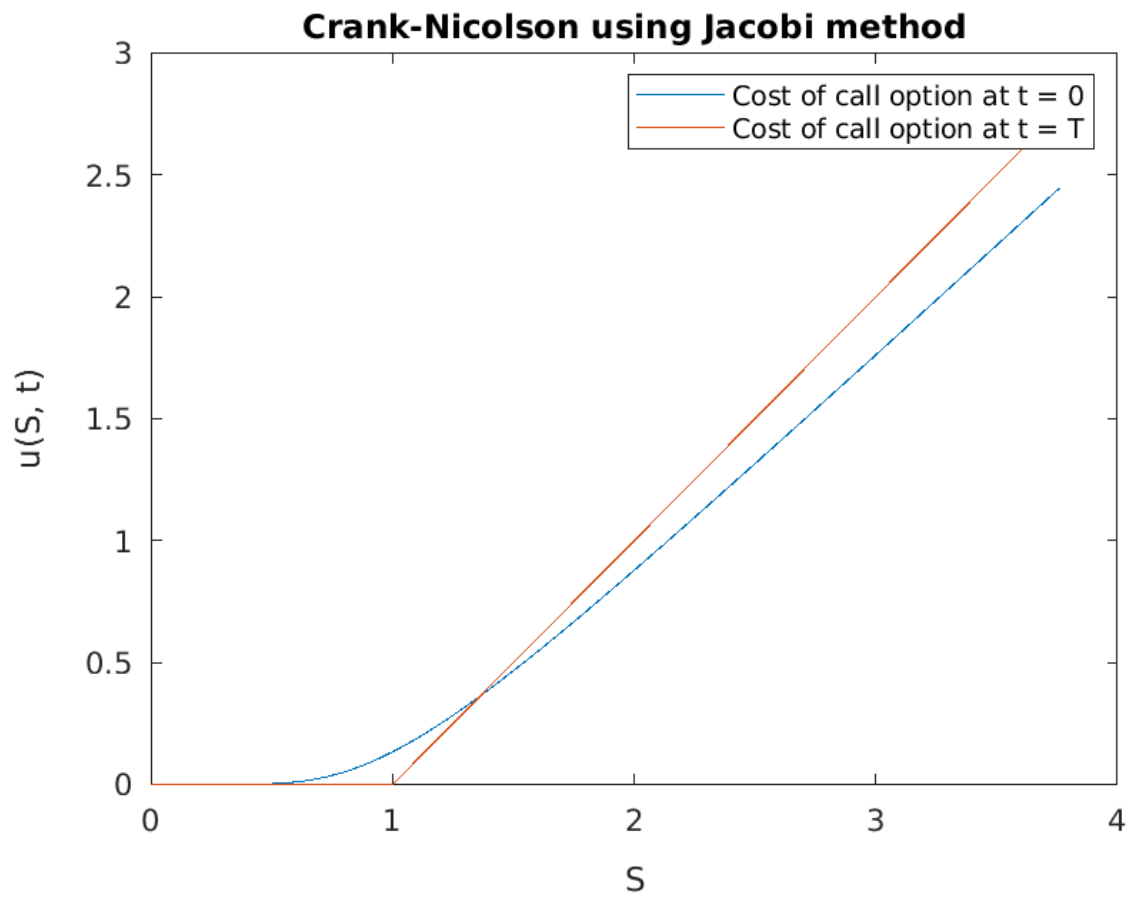
Crank-Nicolson using Matlab Back-Slash method



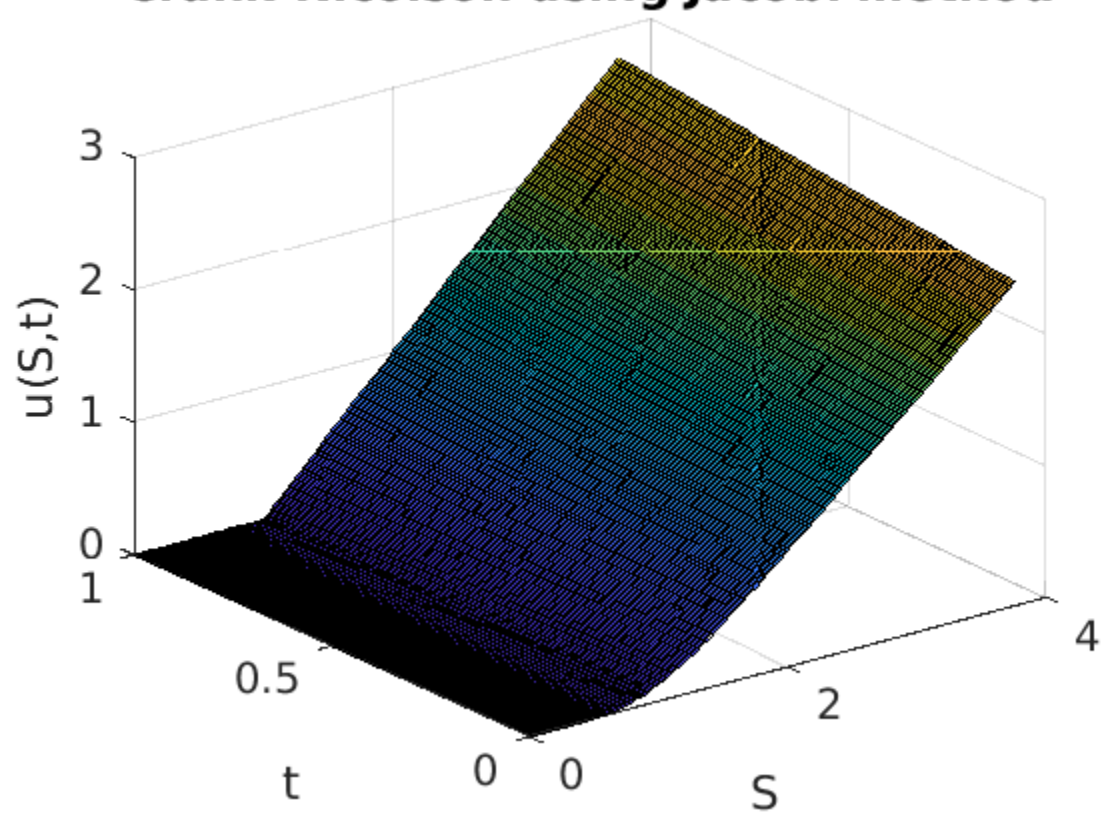


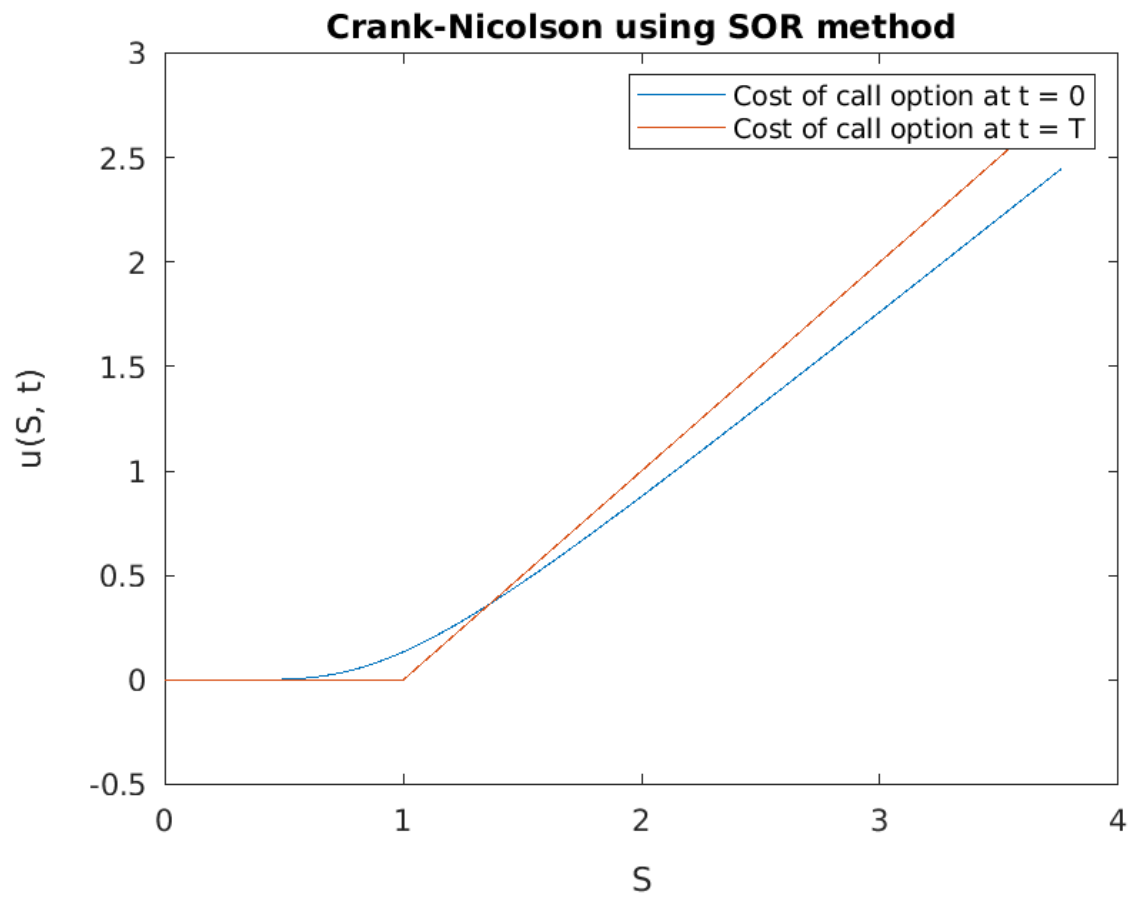
Crank-Nicolson using Gauss-Seidel method



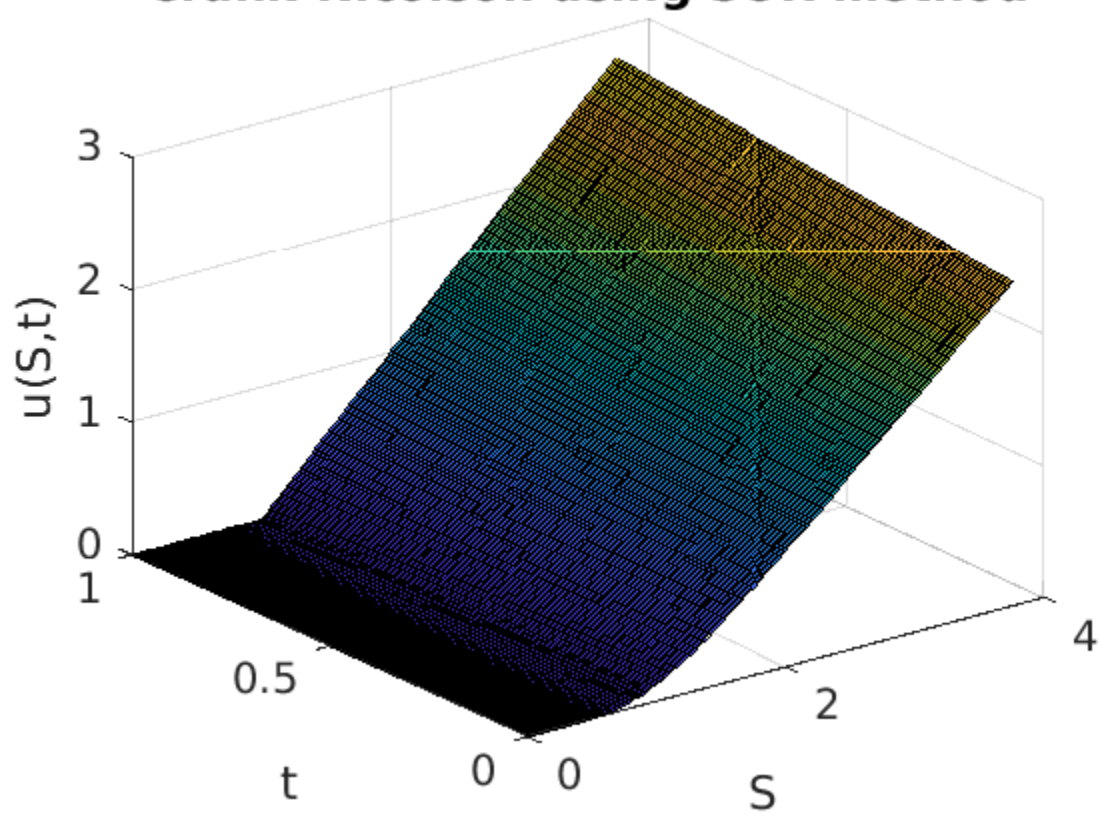


Crank-Nicolson using Jacobi method

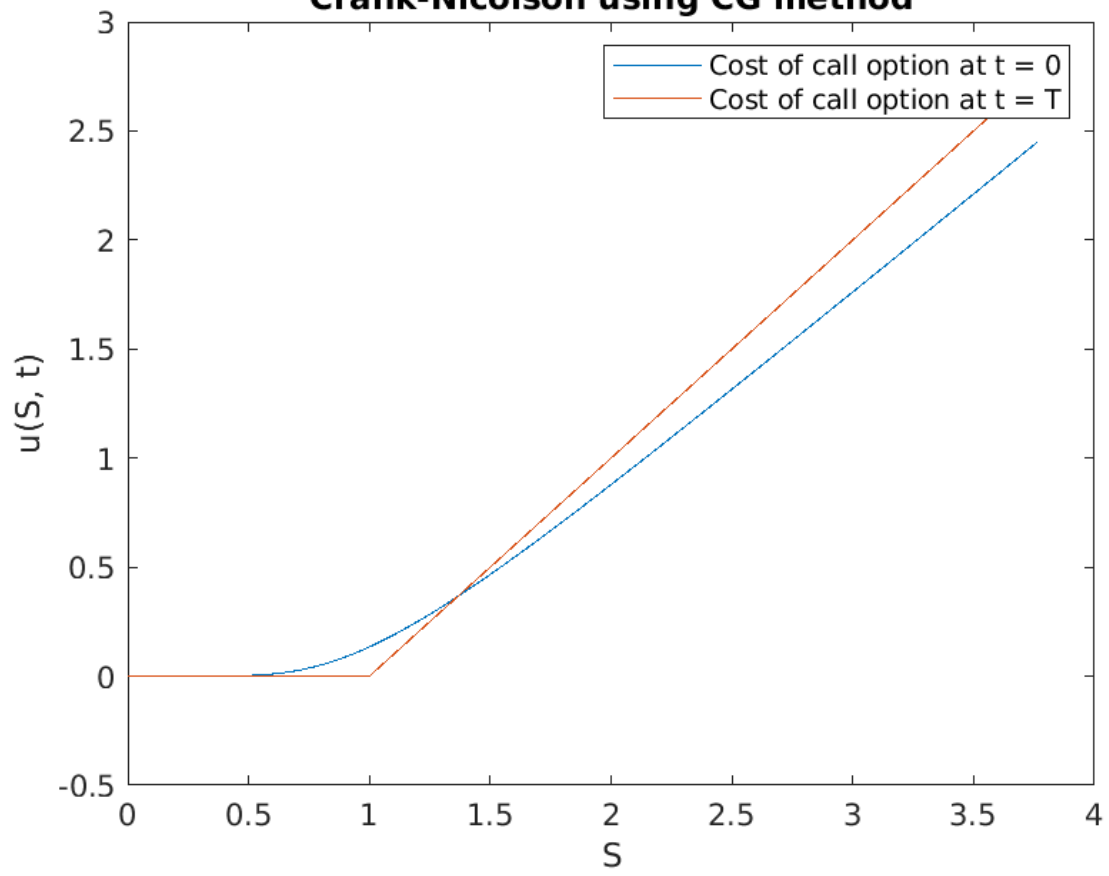




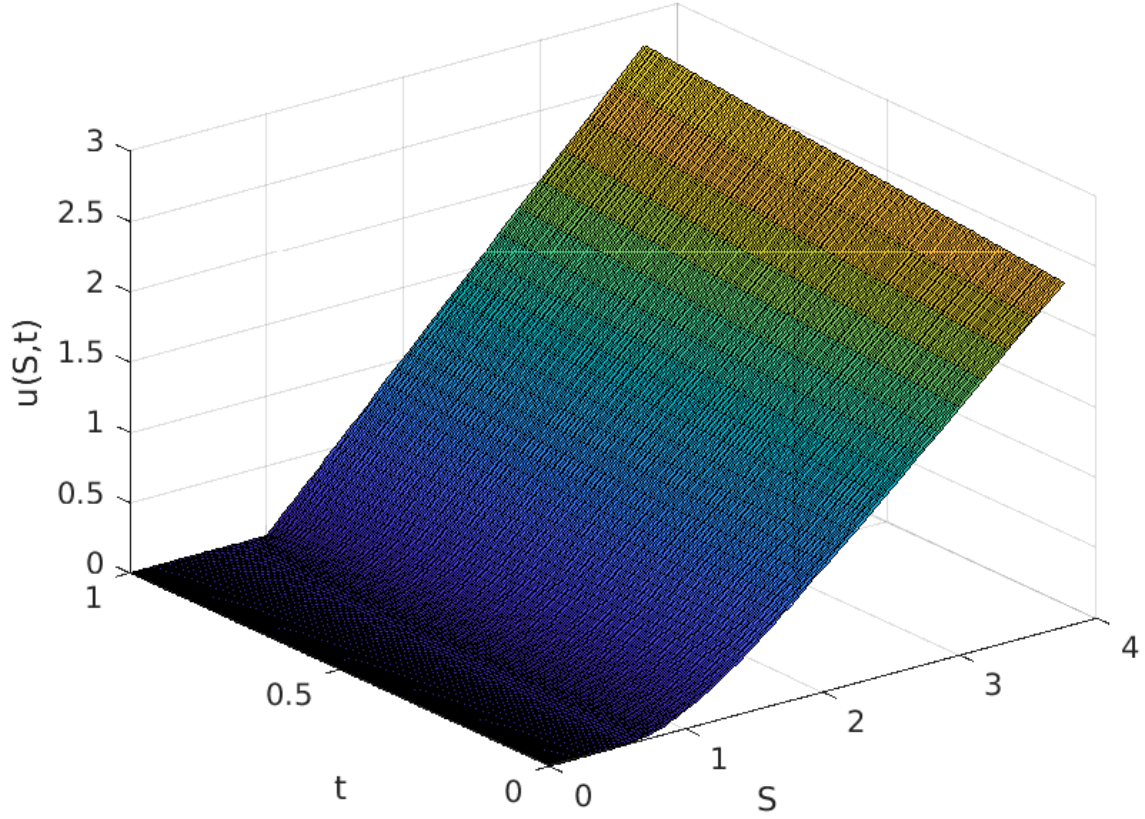
Crank-Nicolson using SOR method



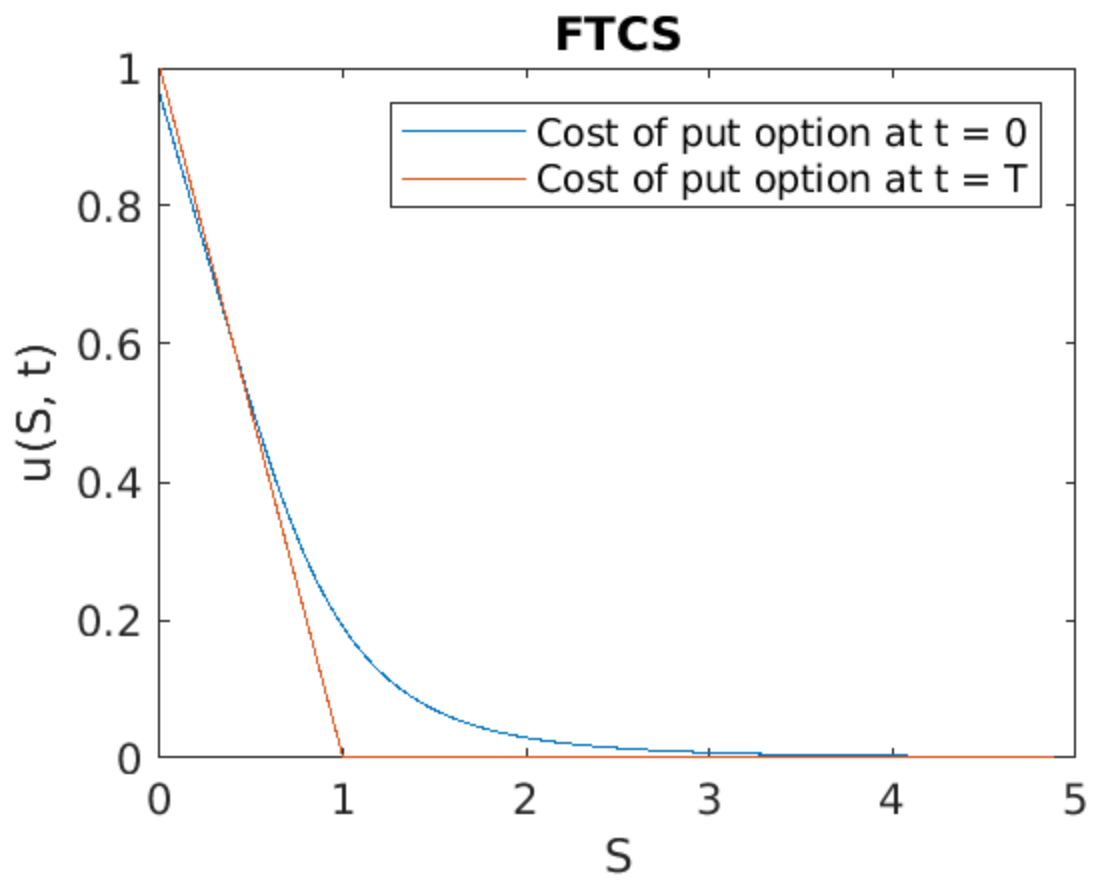
Crank-Nicolson using CG method



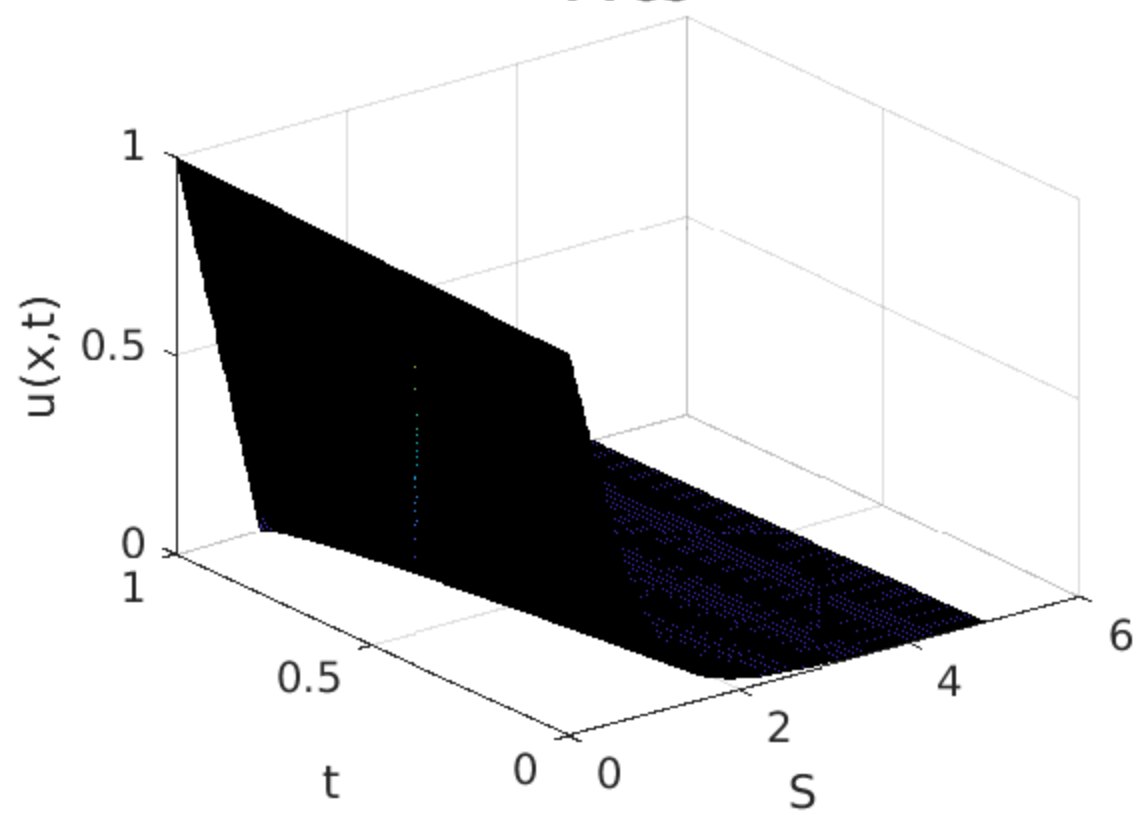
Crank-Nicolson using CG method



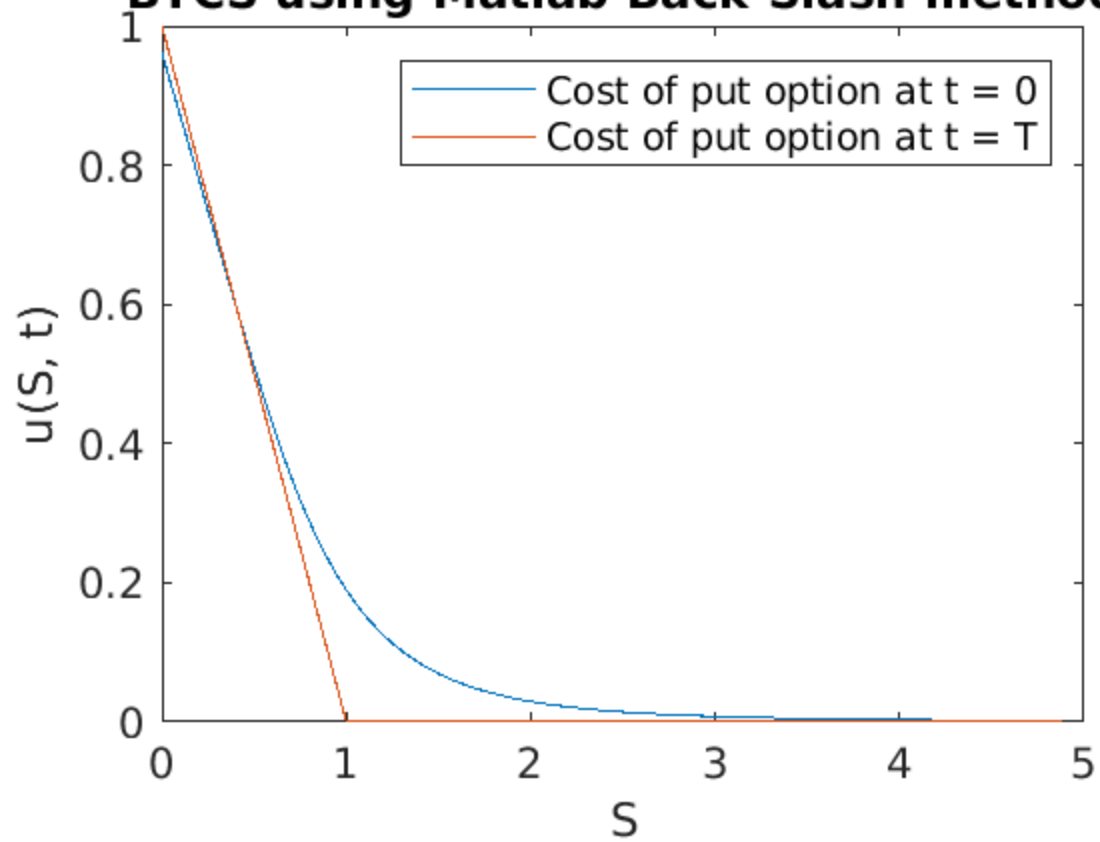
Ques.2



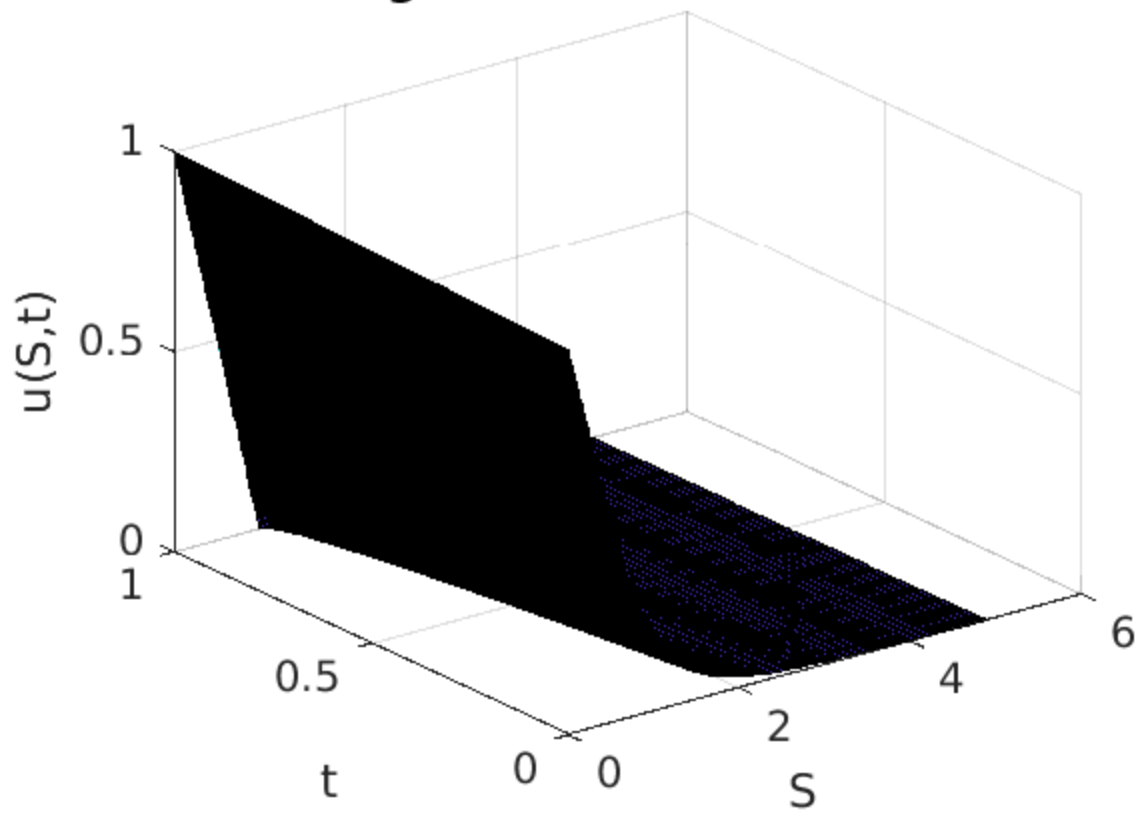
FTCS

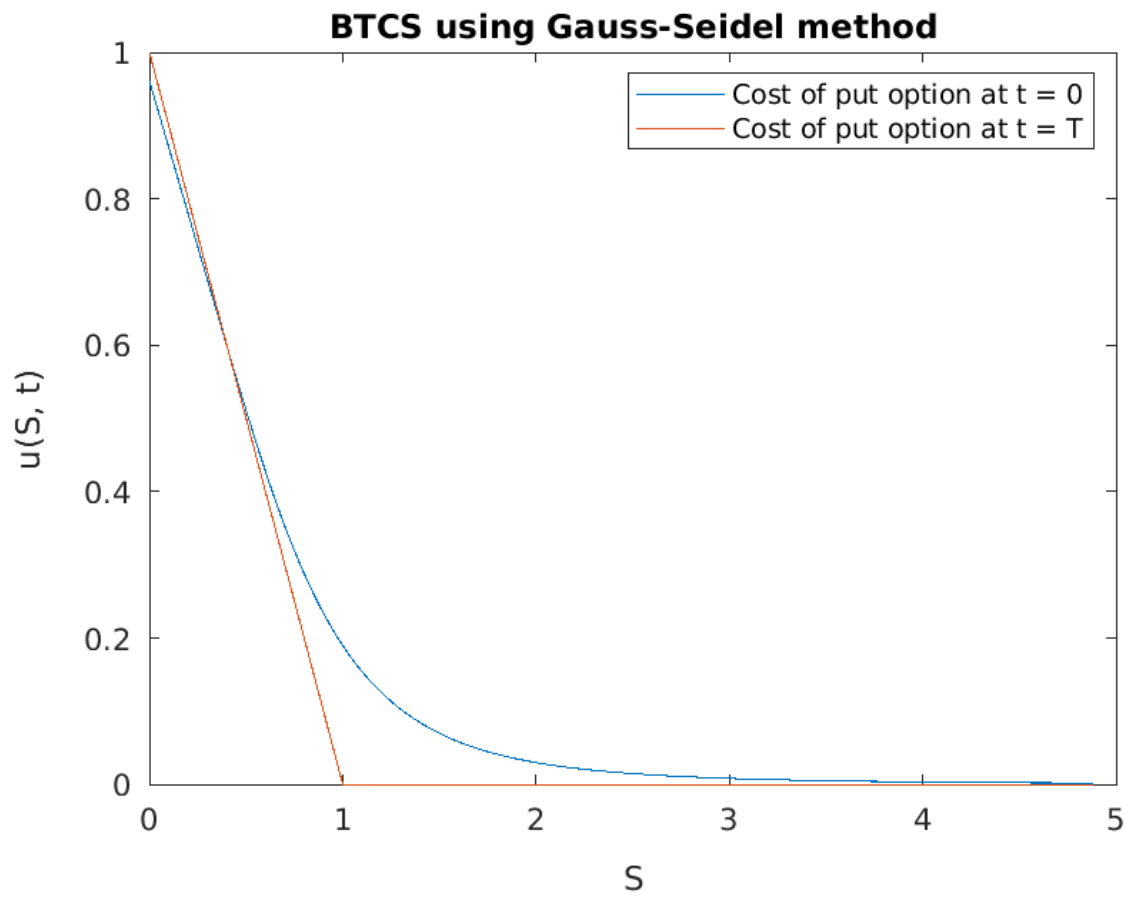


BTCS using Matlab Back-Slash method

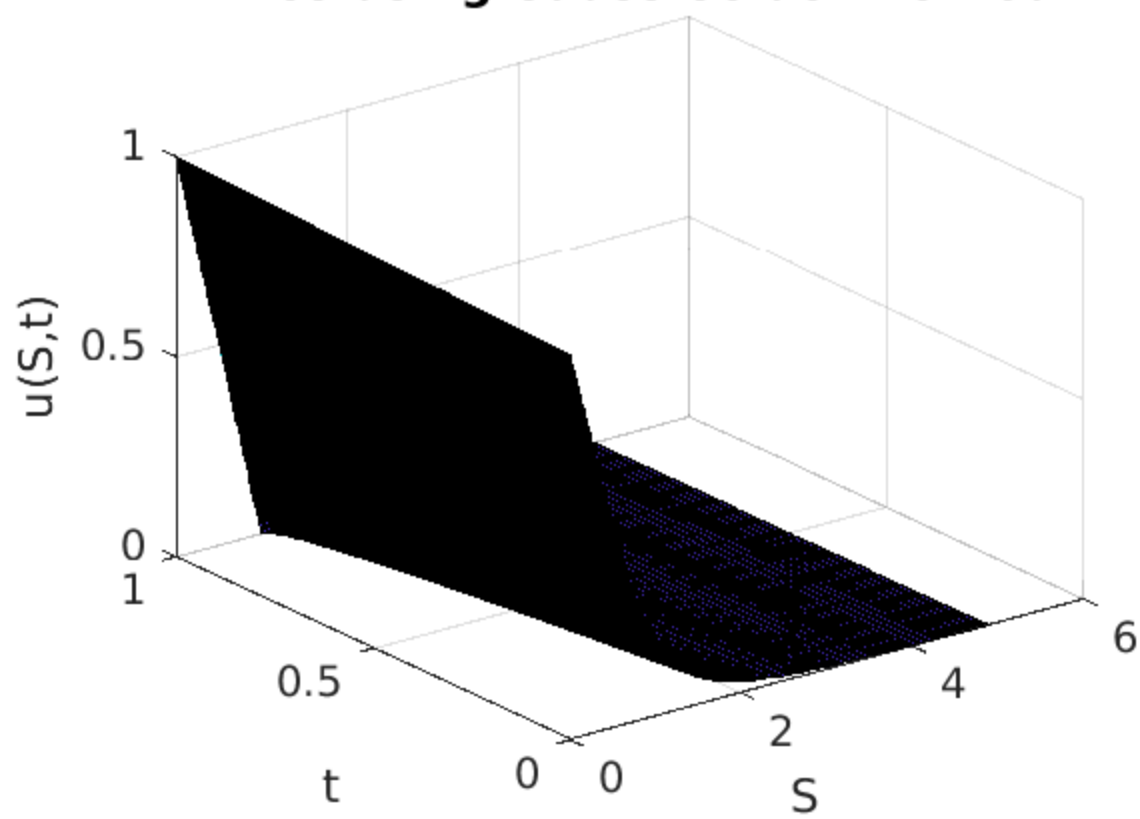


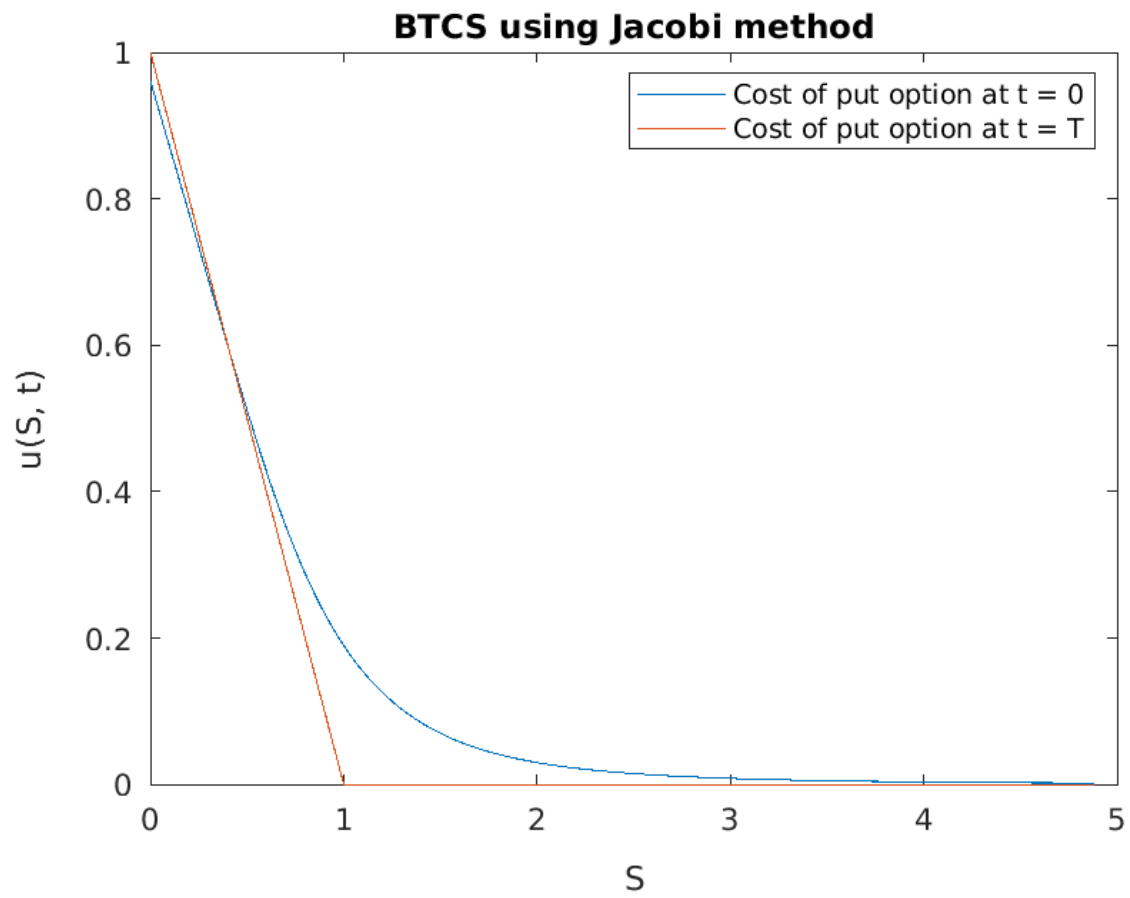
BTCS using Matlab Back-Slash method



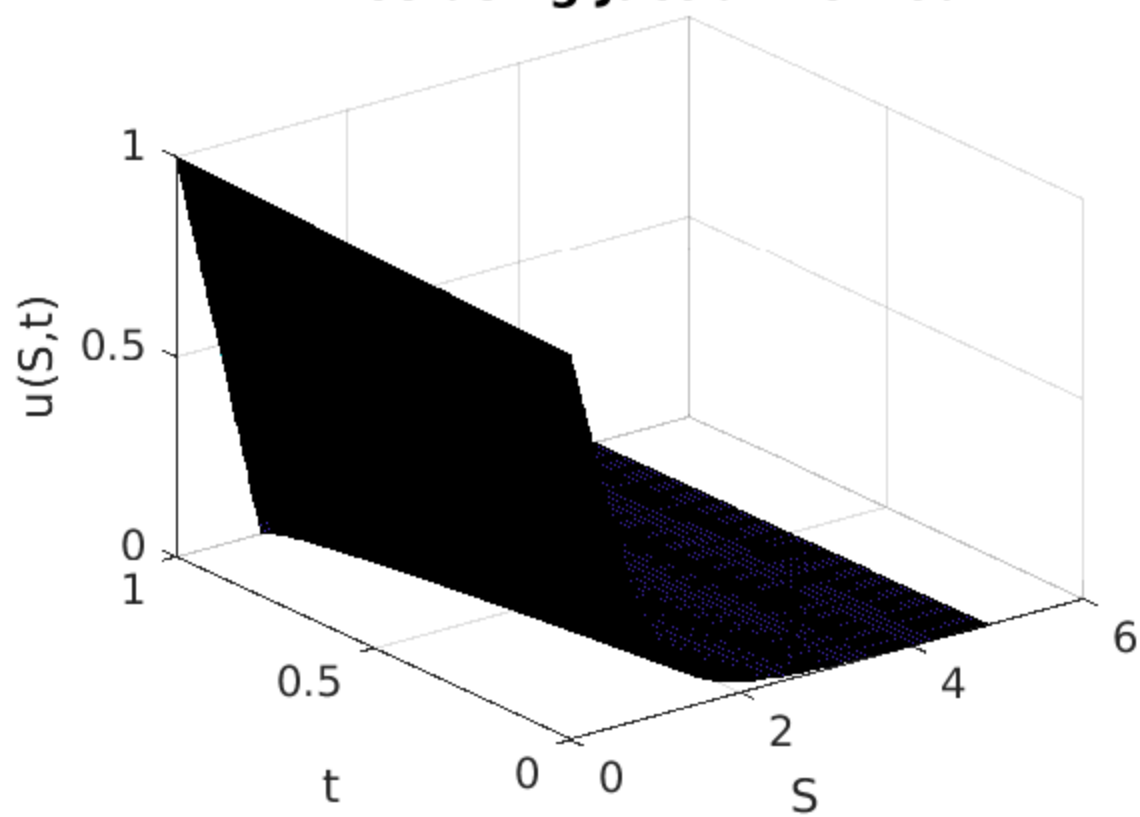


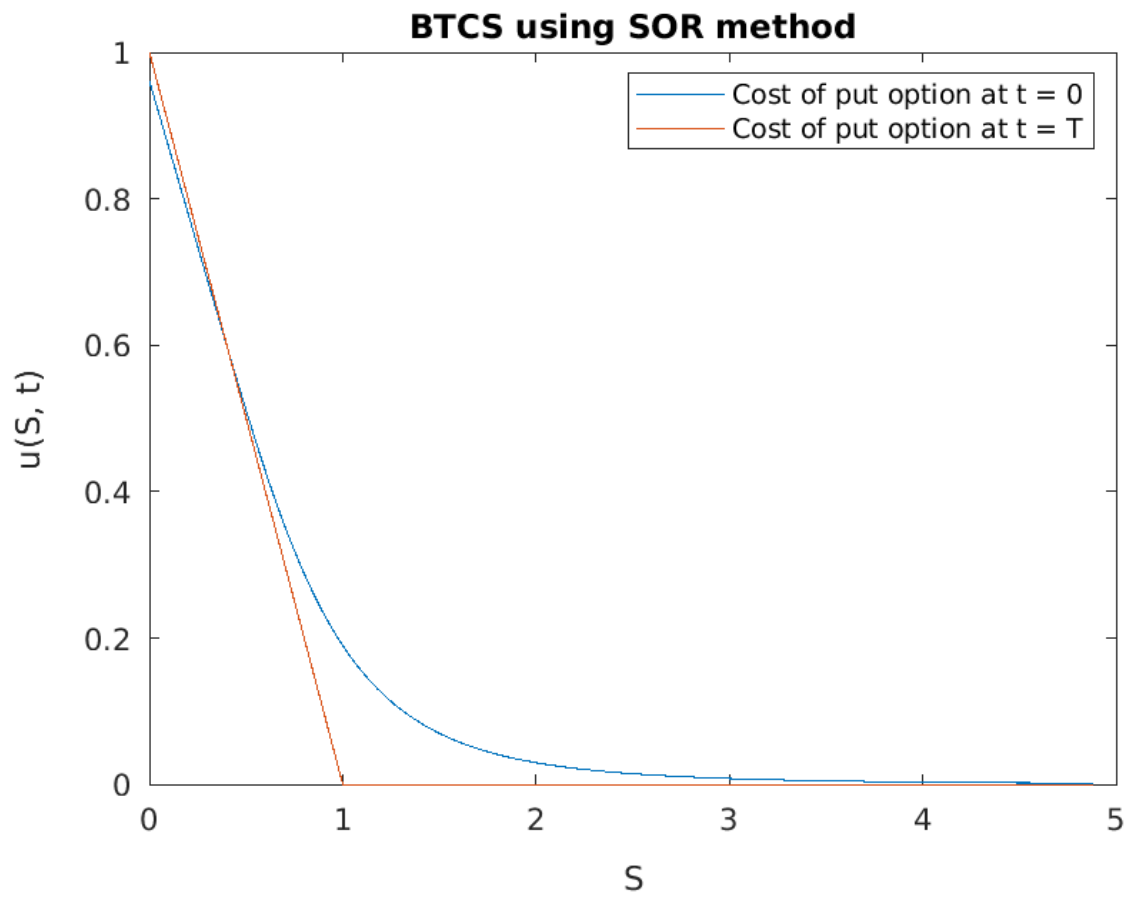
BTCS using Gauss-Seidel method



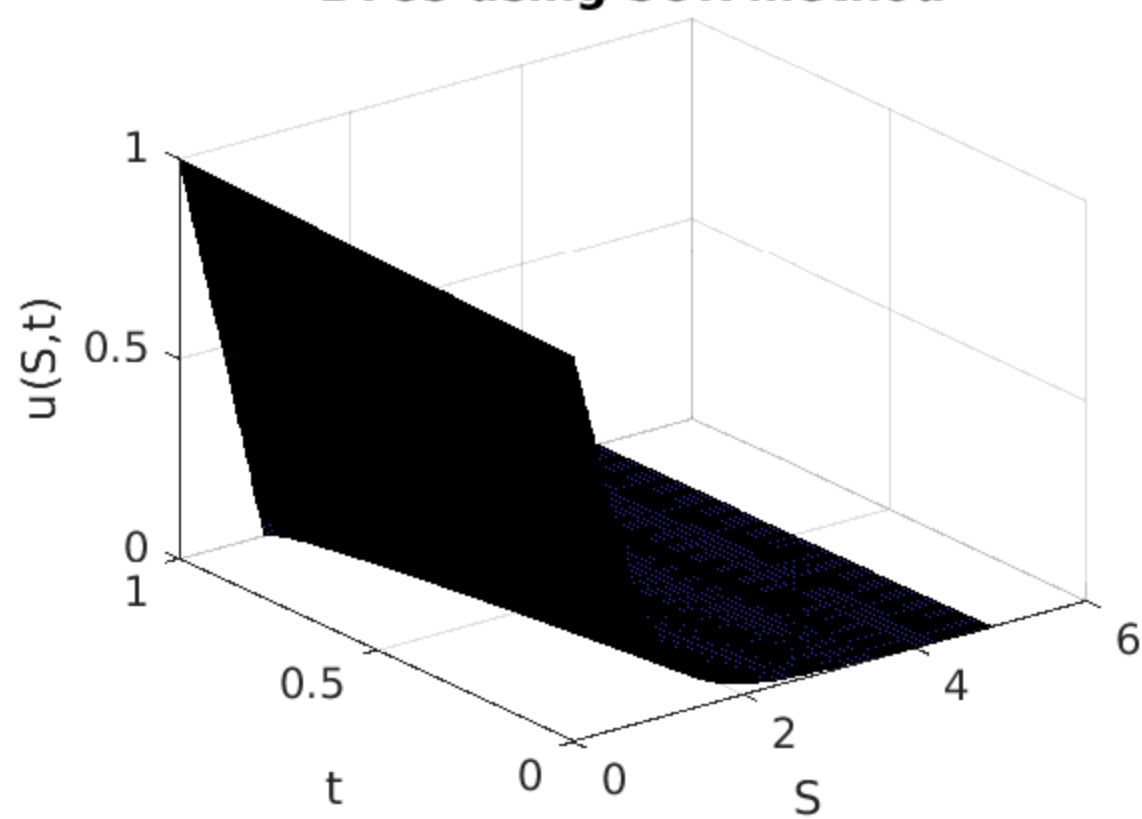


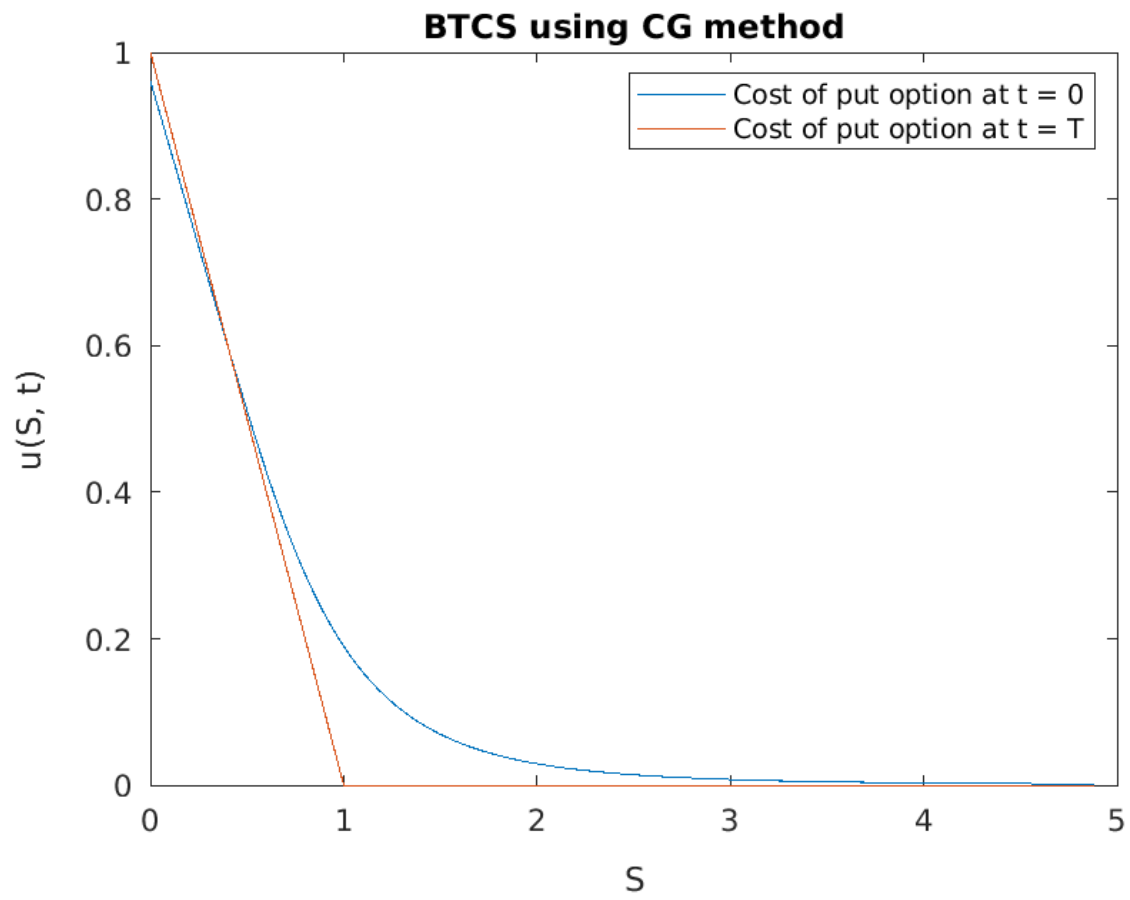
BTCS using Jacobi method



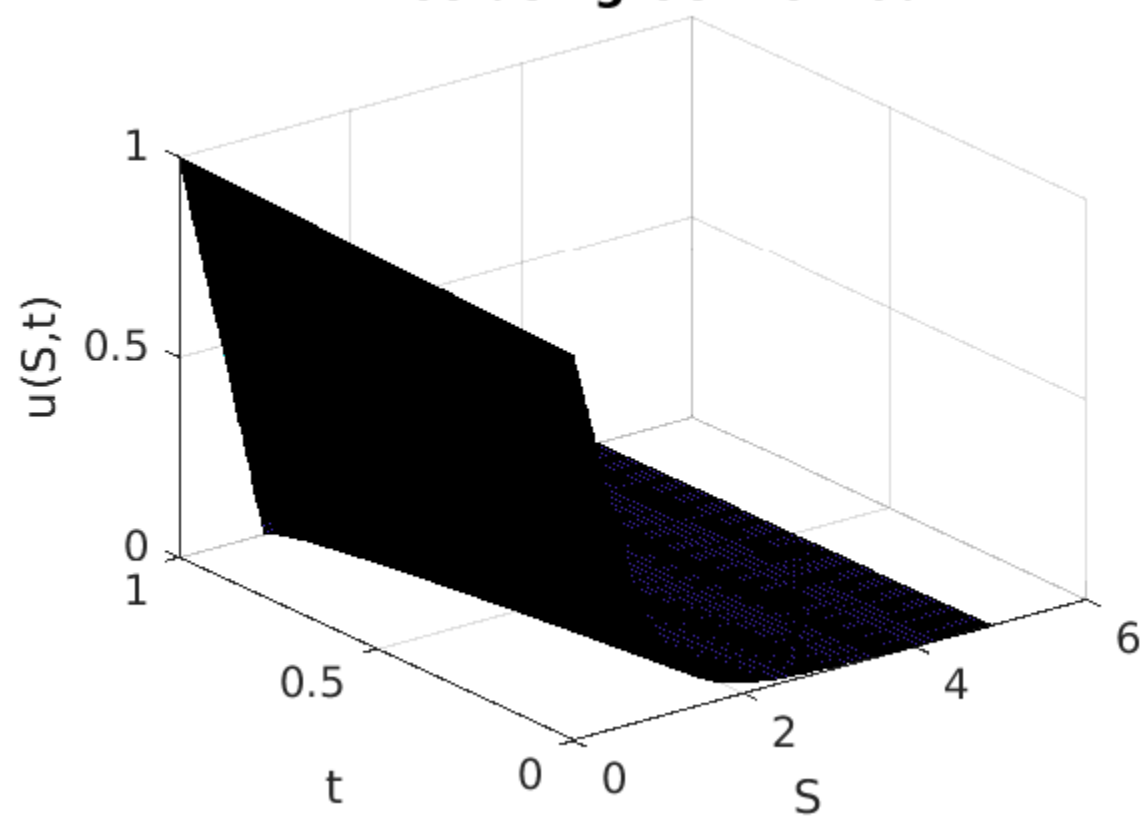


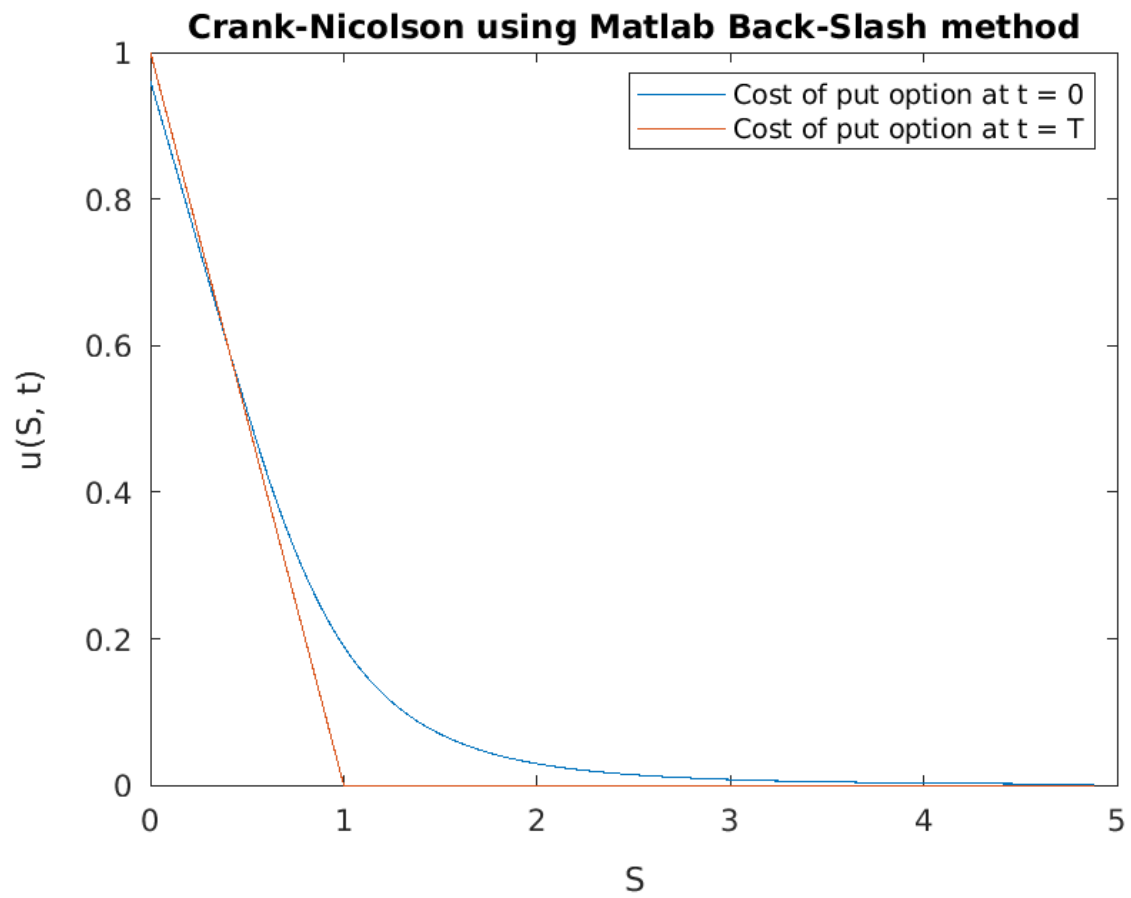
BTCS using SOR method



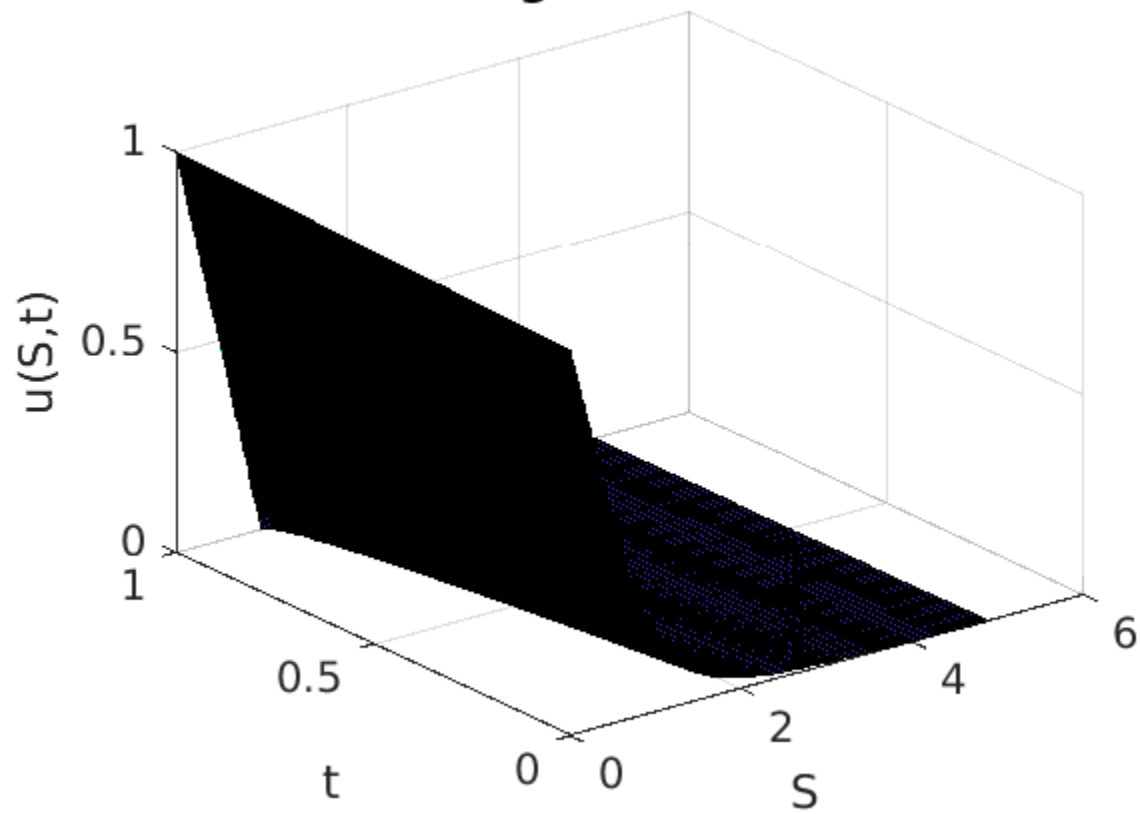


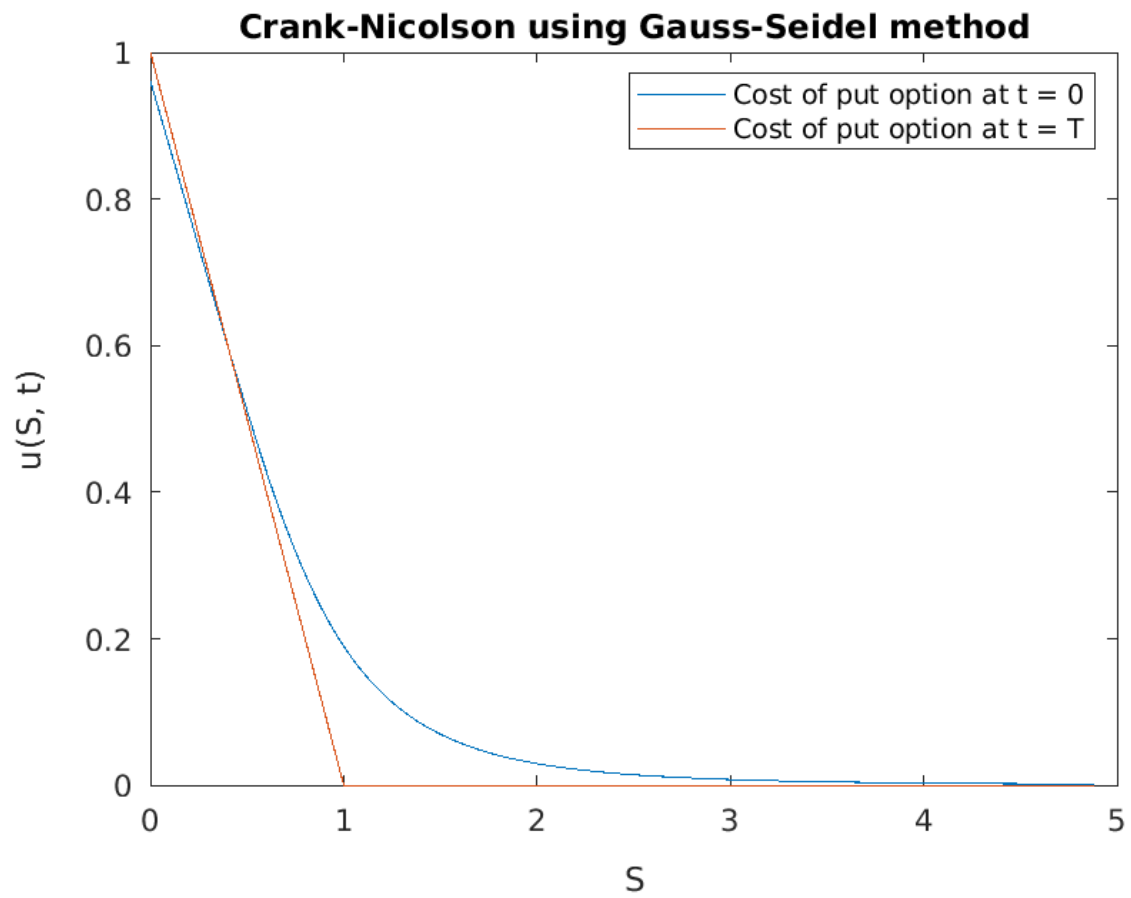
BTCS using CG method



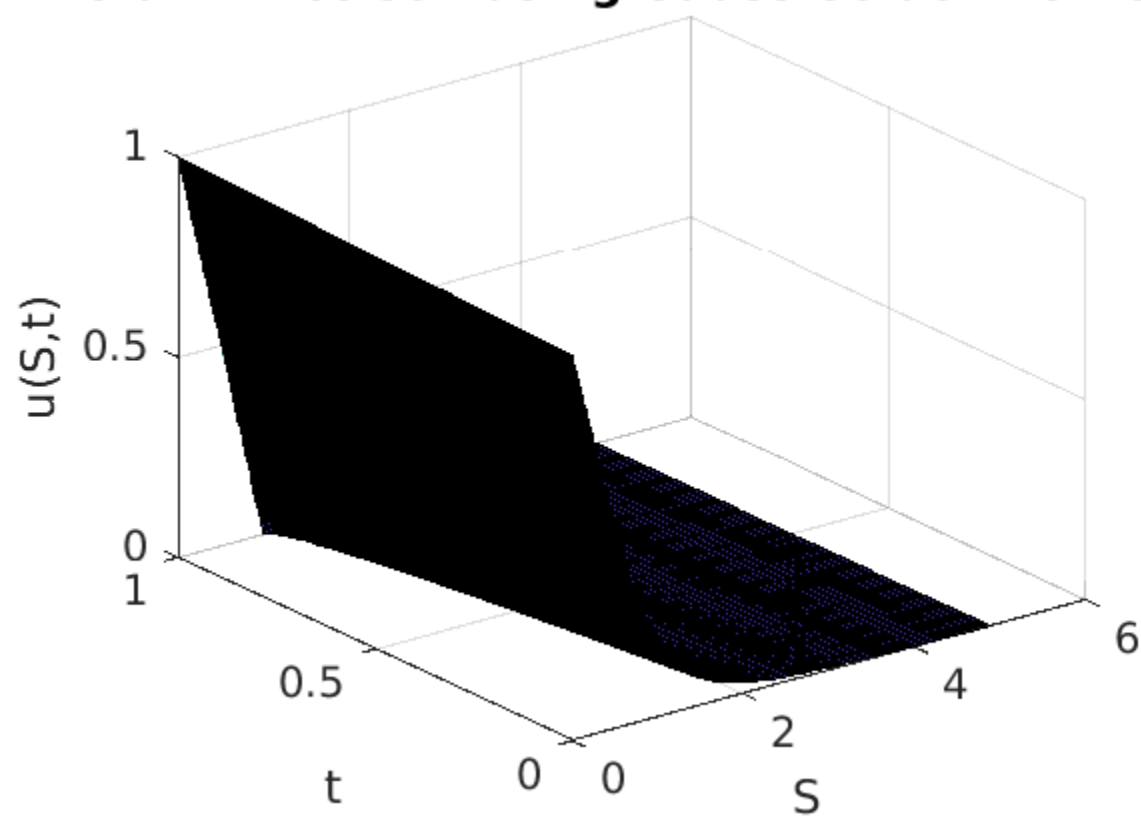


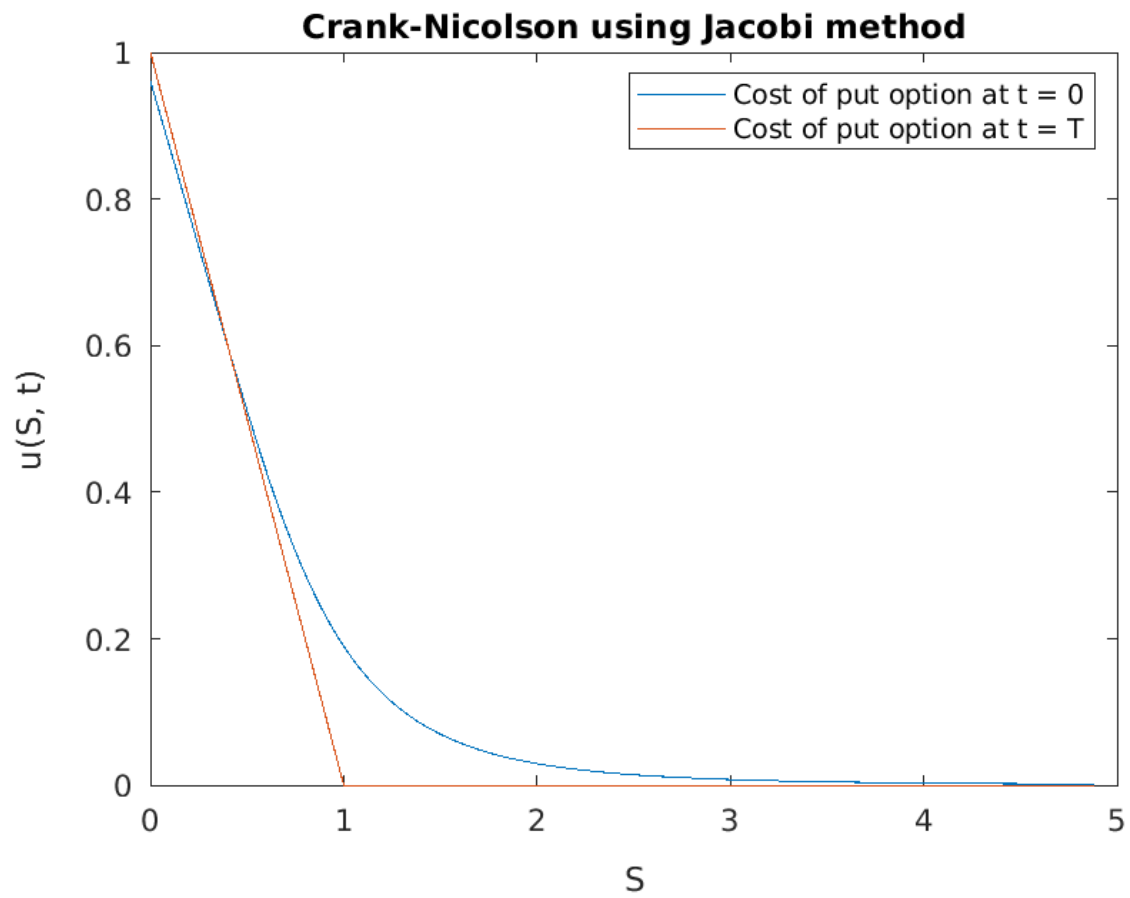
Crank-Nicolson using Matlab Back-Slash method



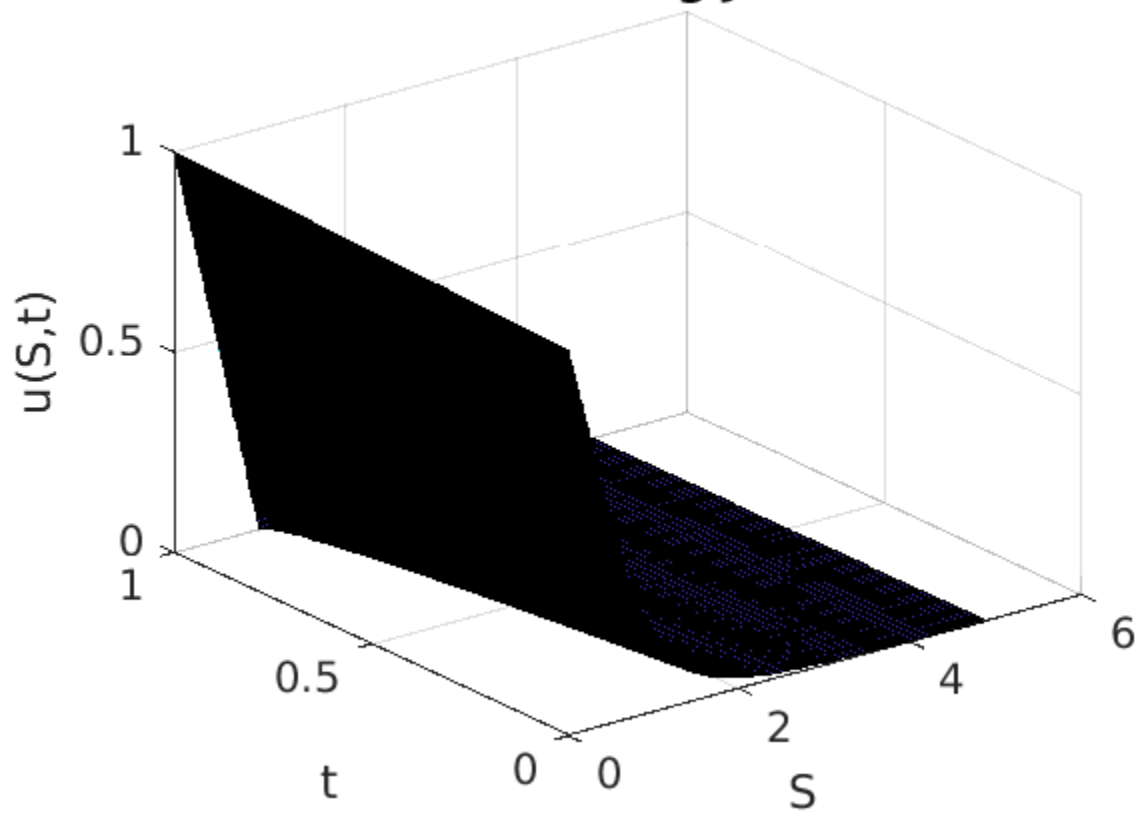


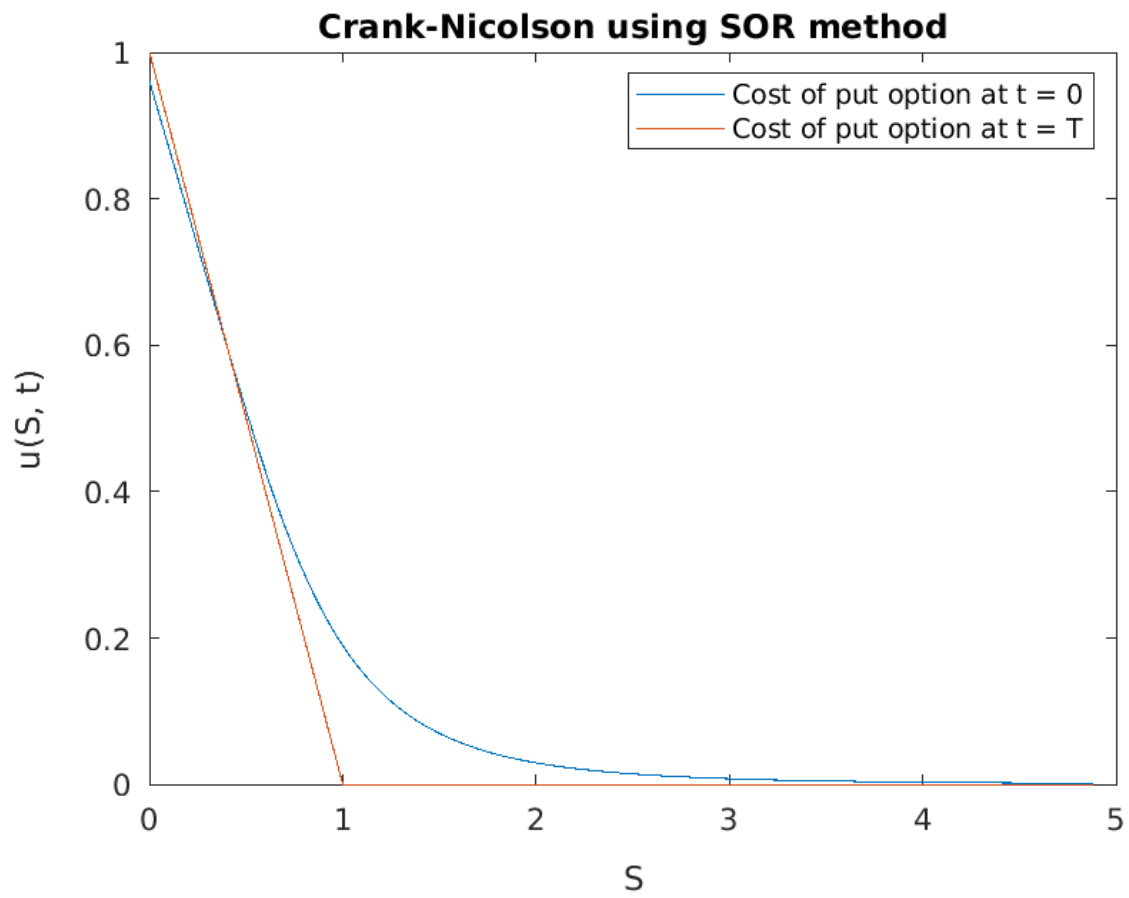
Crank-Nicolson using Gauss-Seidel method



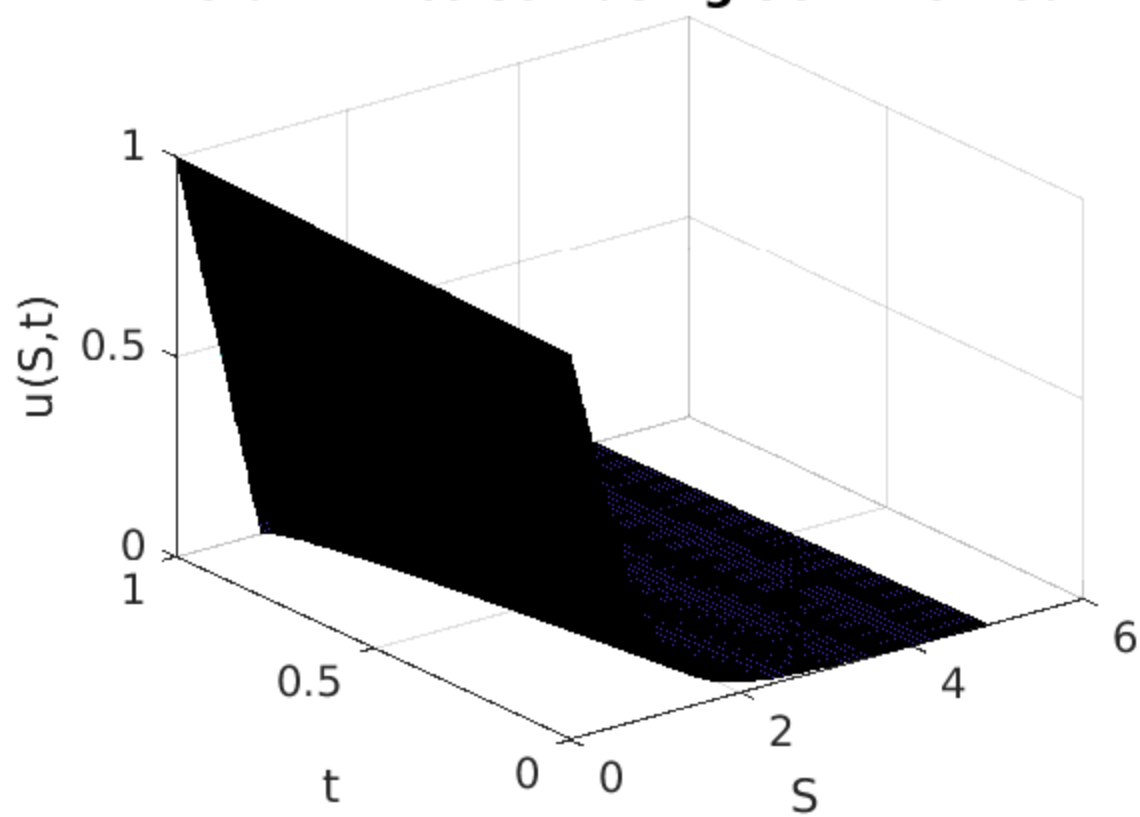


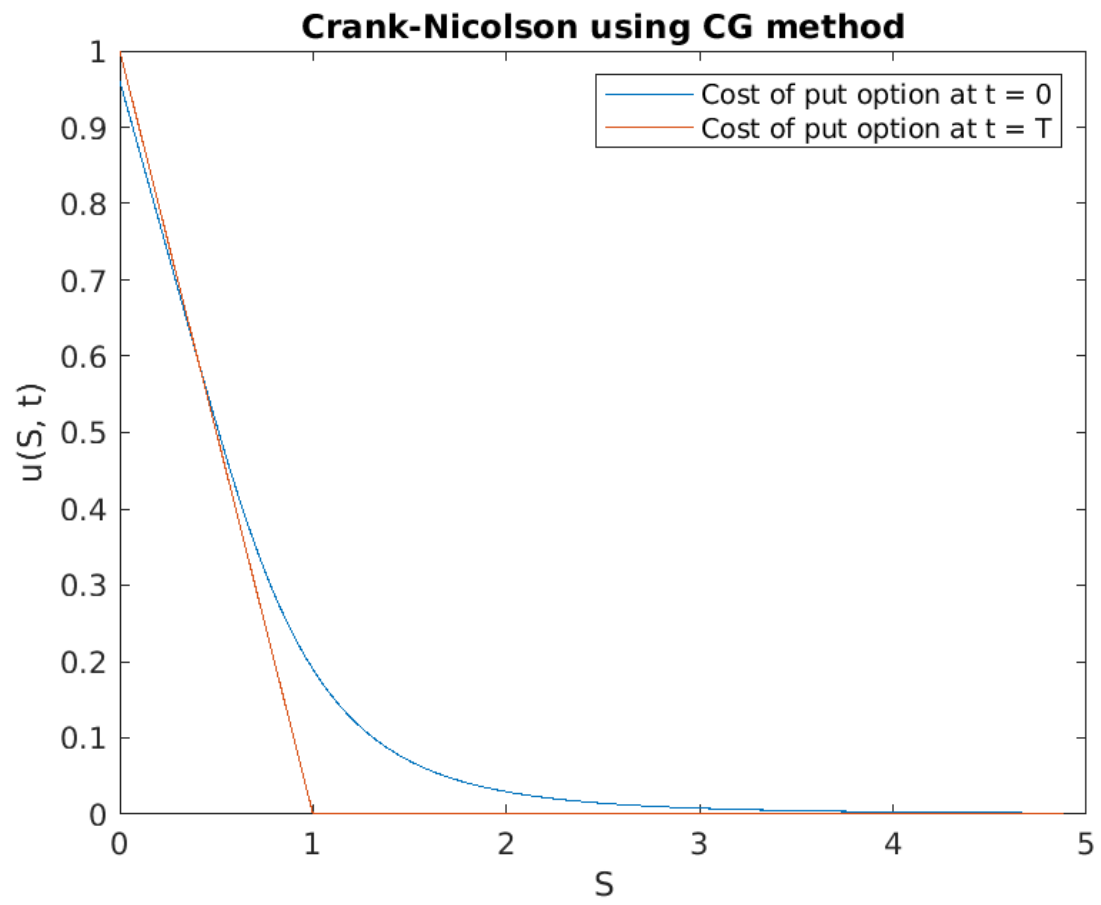
Crank-Nicolson using Jacobi method





Crank-Nicolson using SOR method





Crank-Nicolson using CG method

