

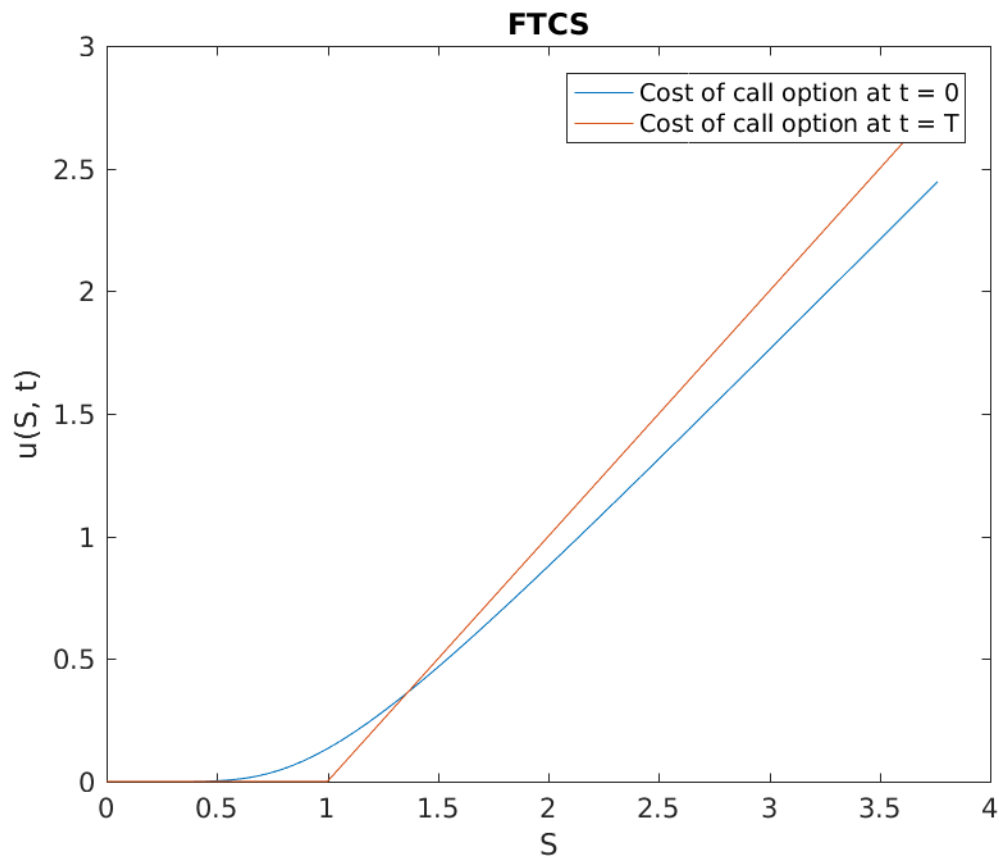
Assignment-6

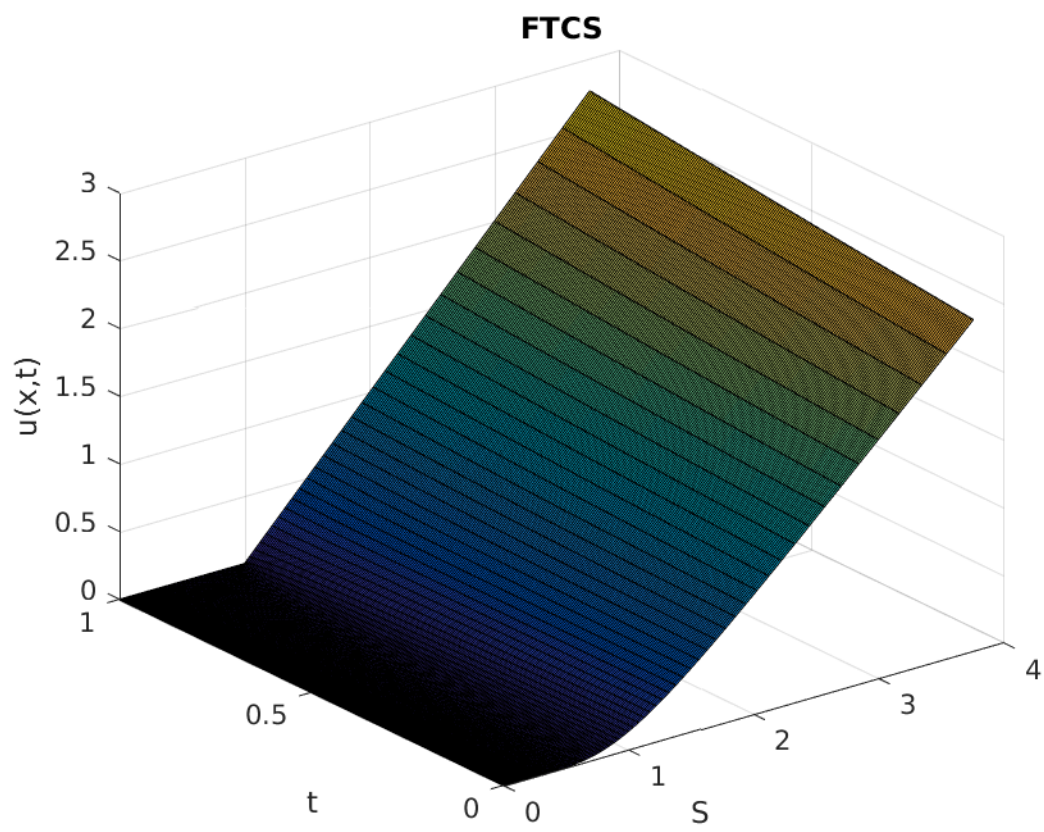
Abheek Ghosh

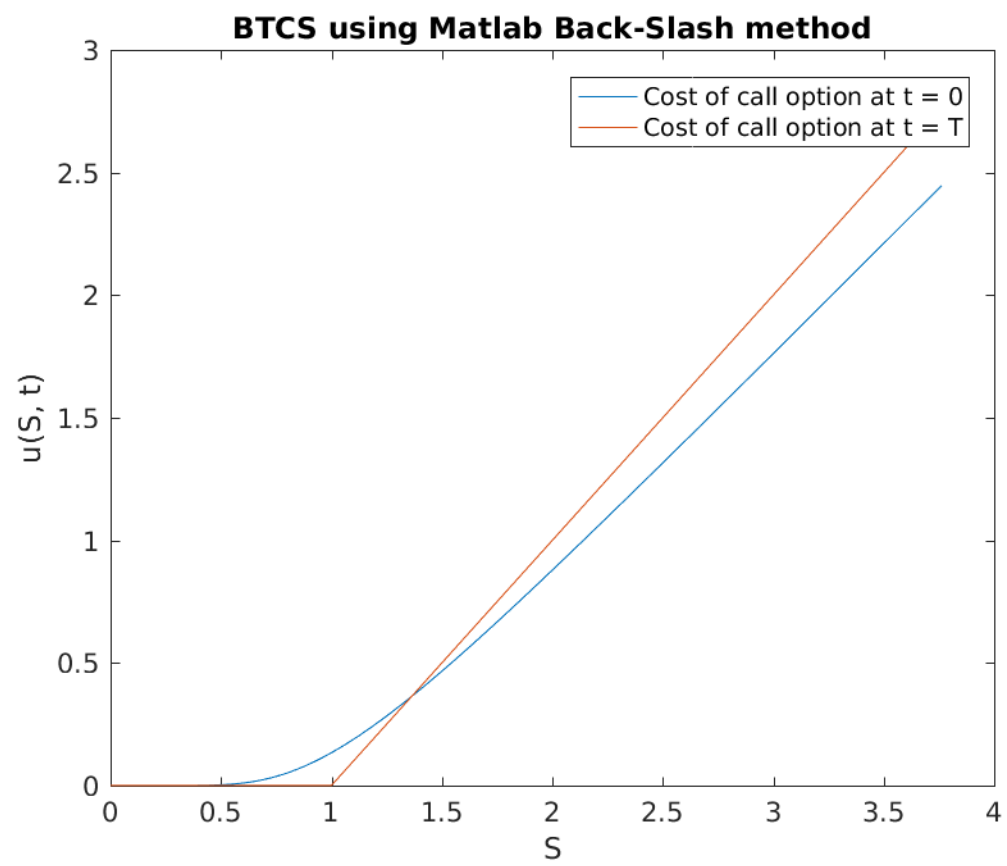
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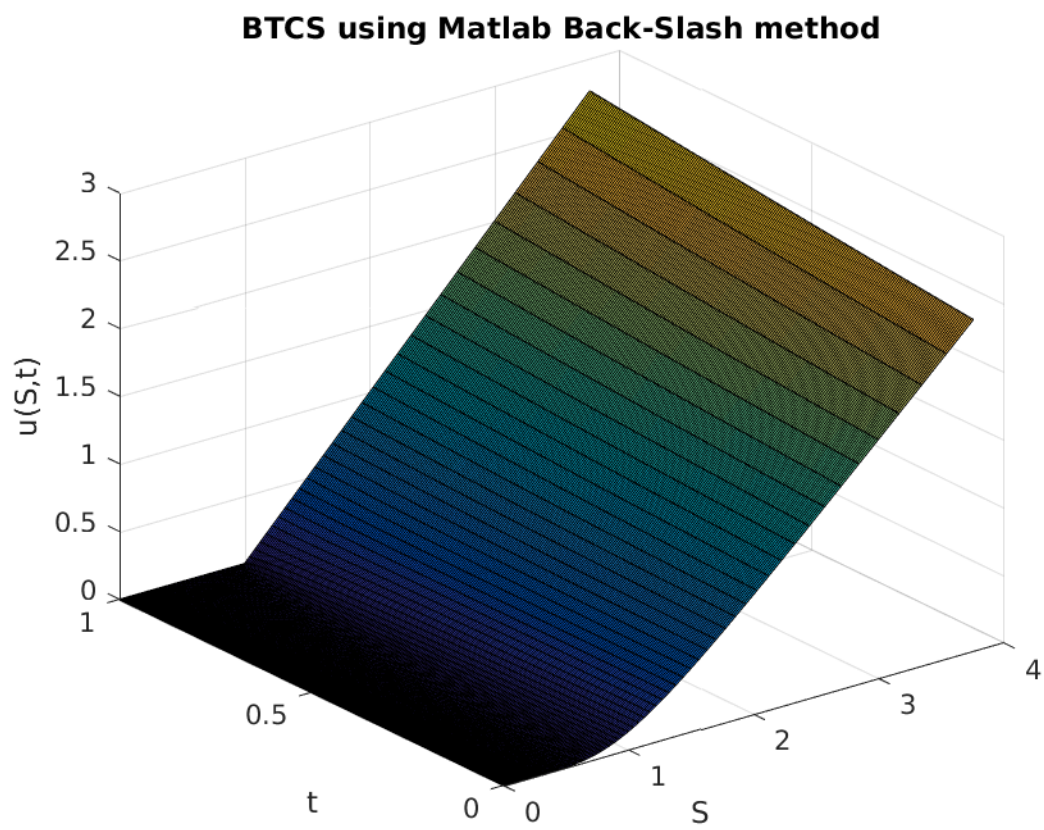
February 14, 2018

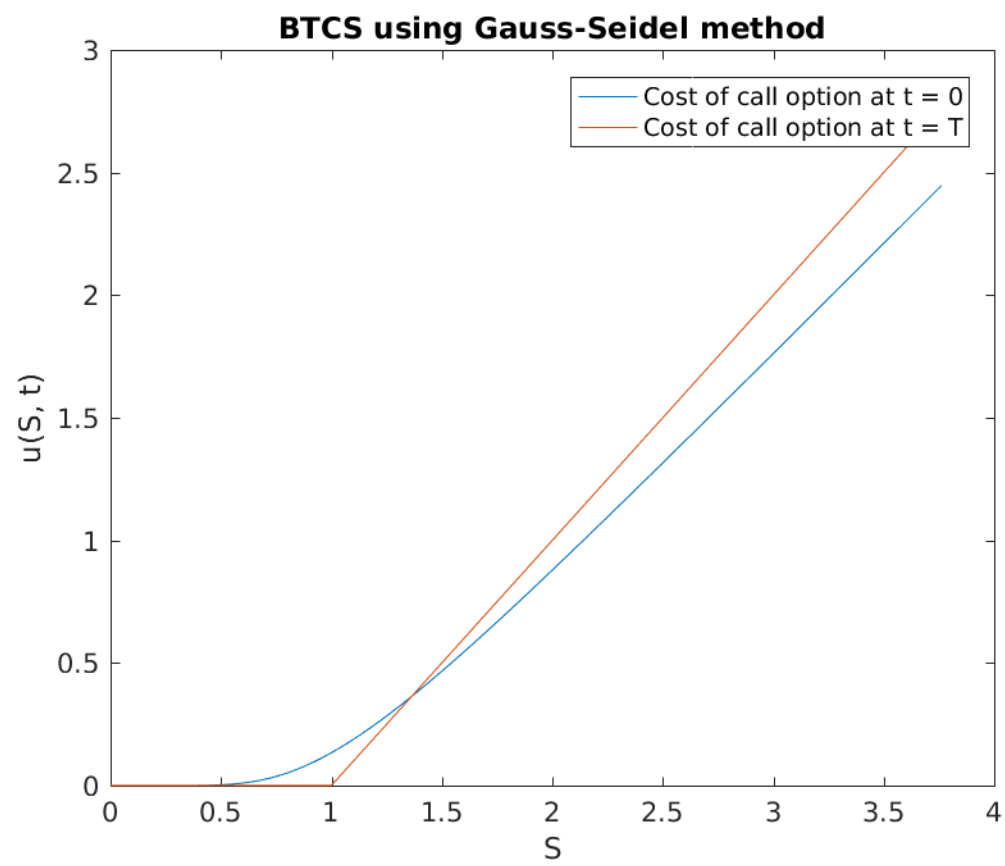
Question 1

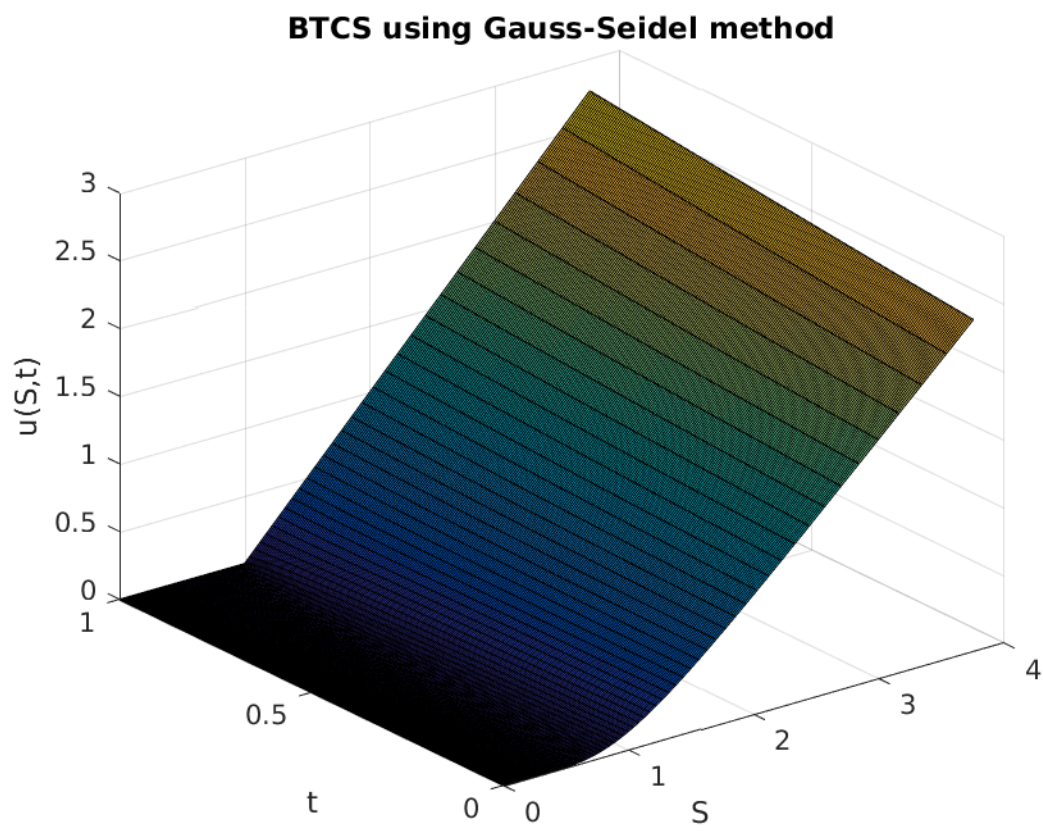


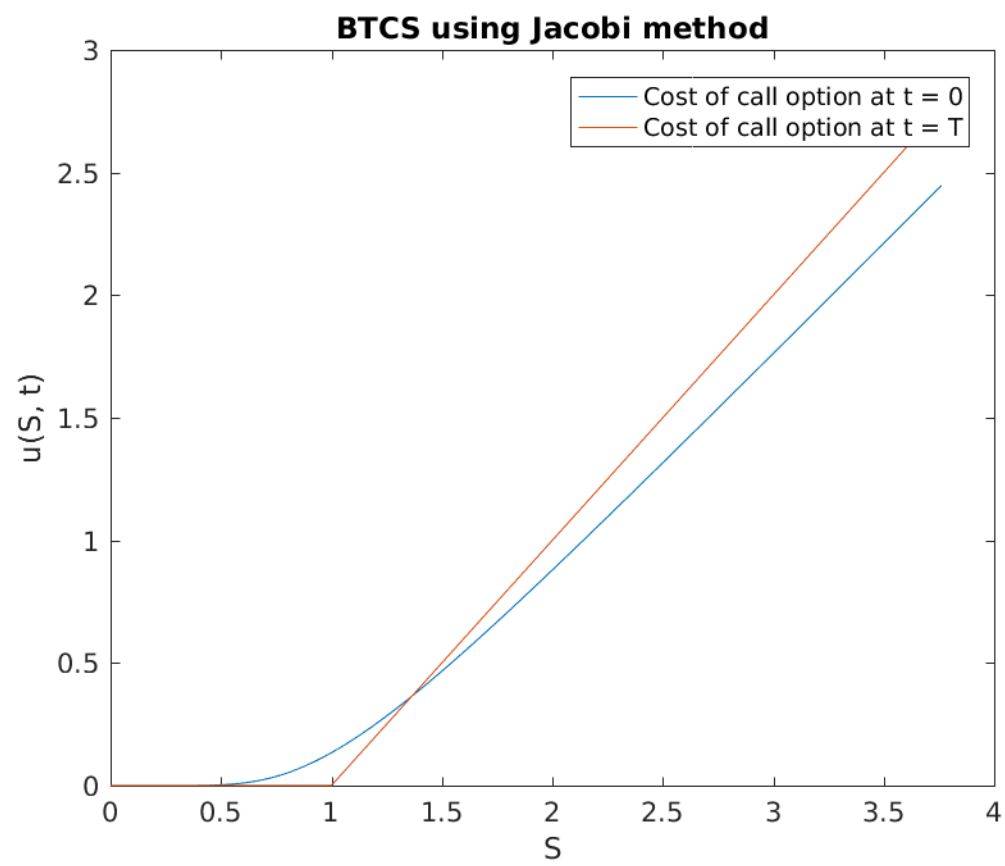


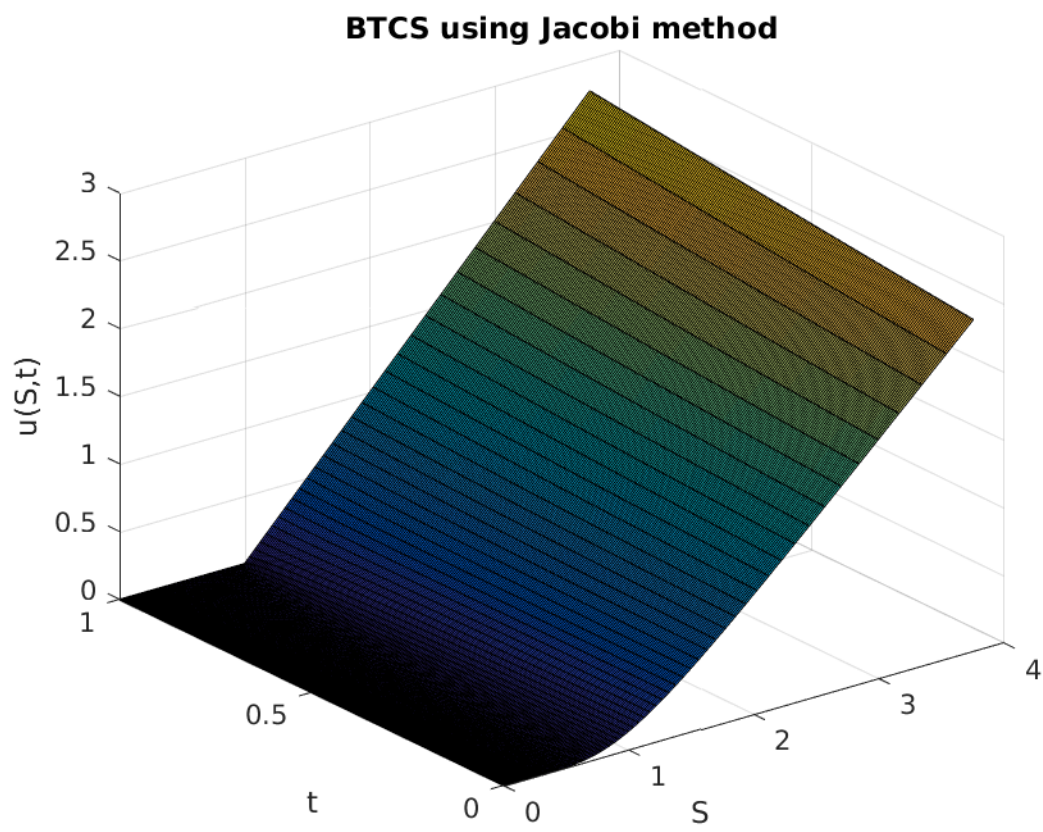


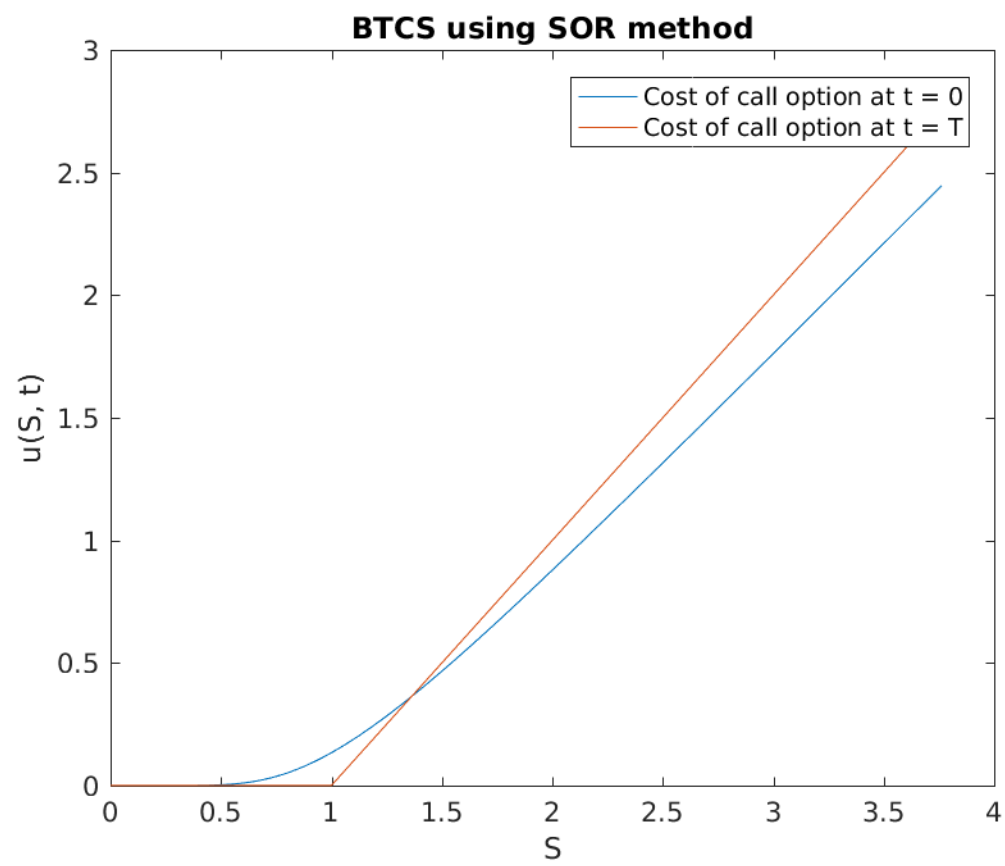


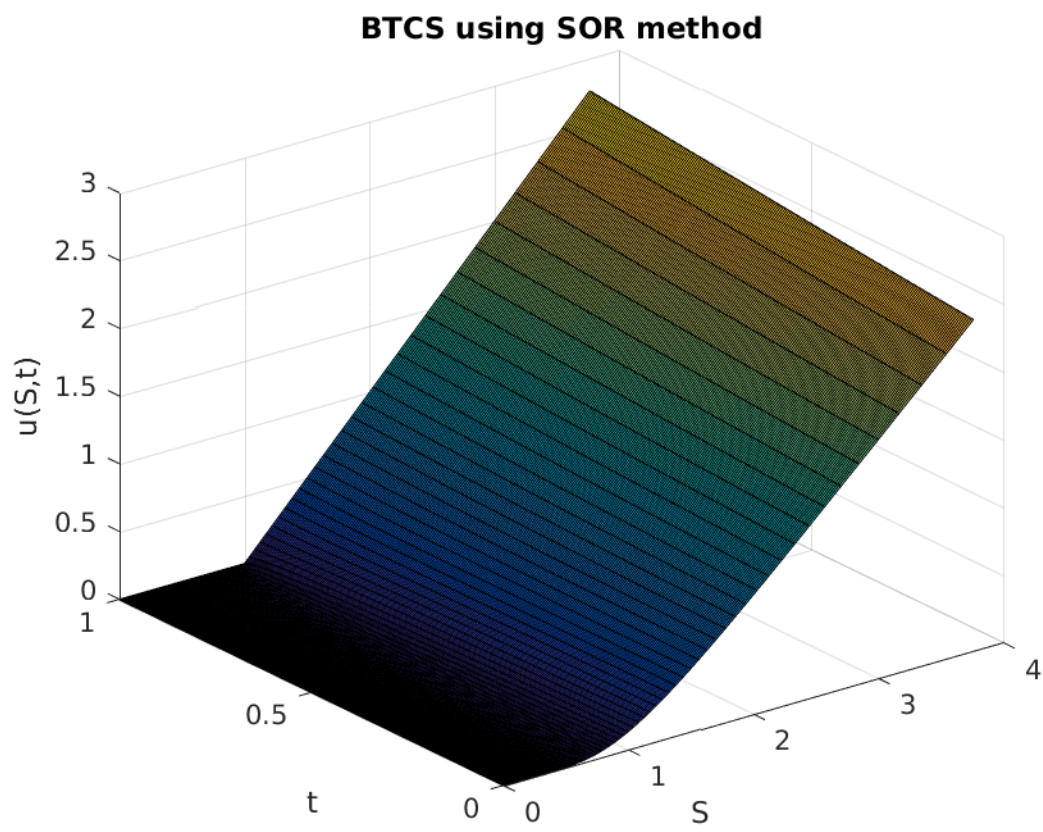


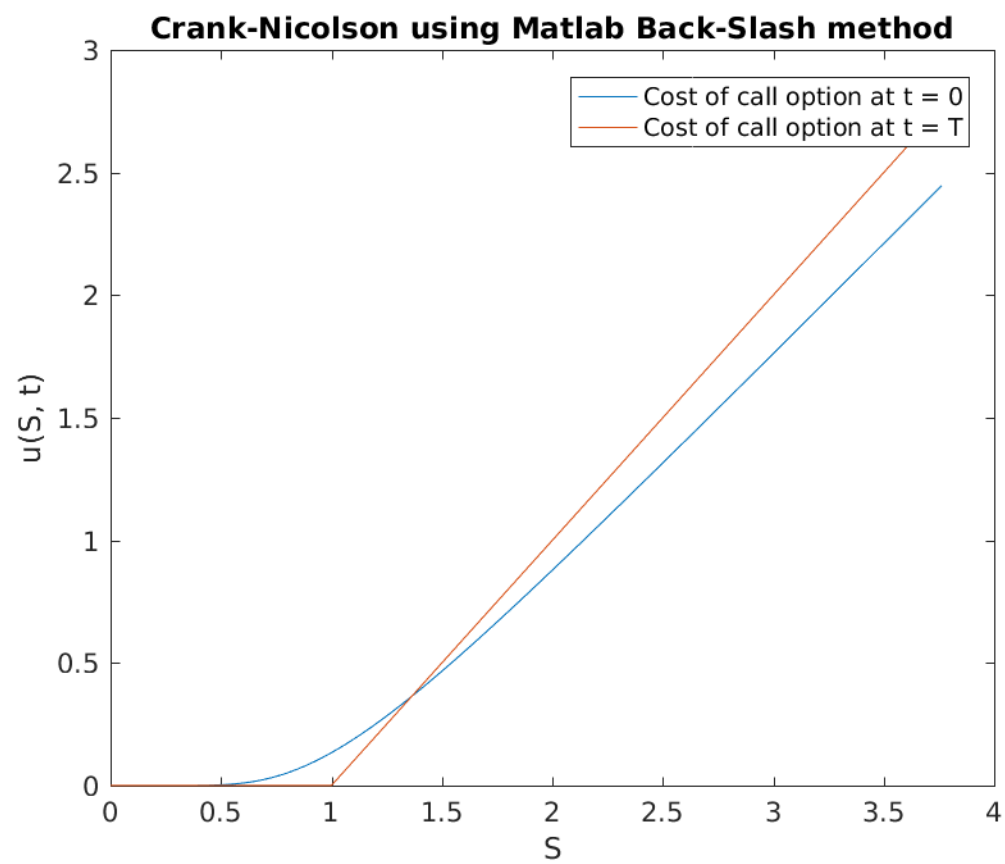




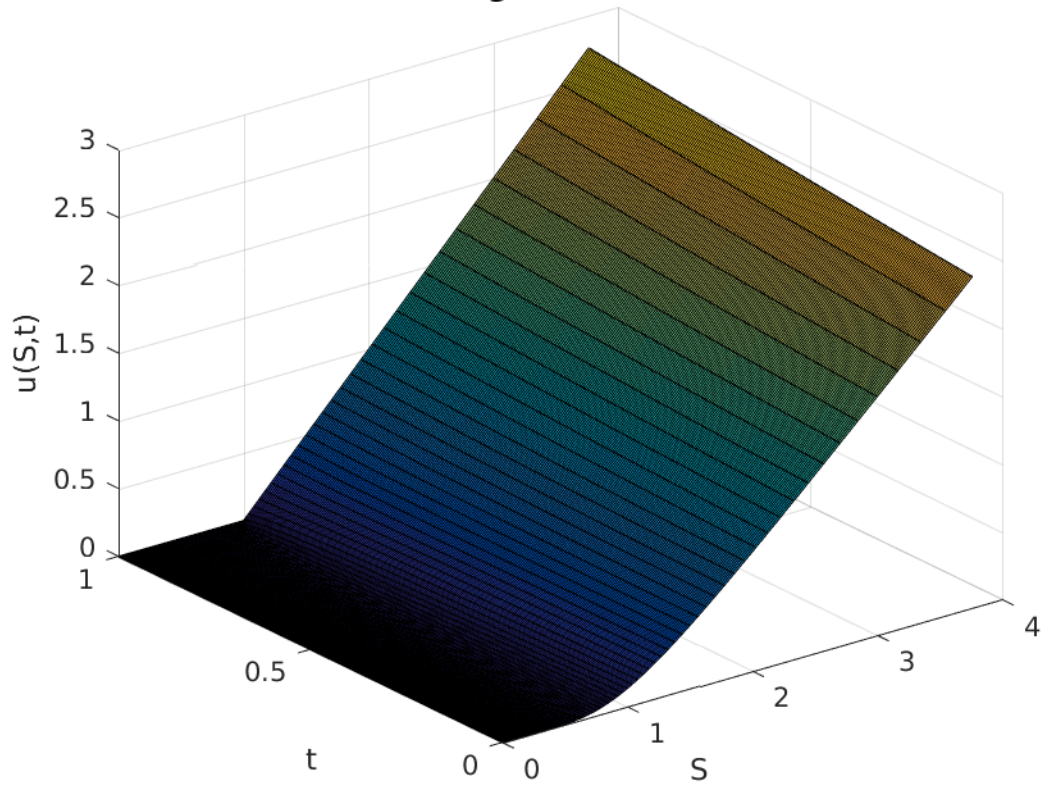


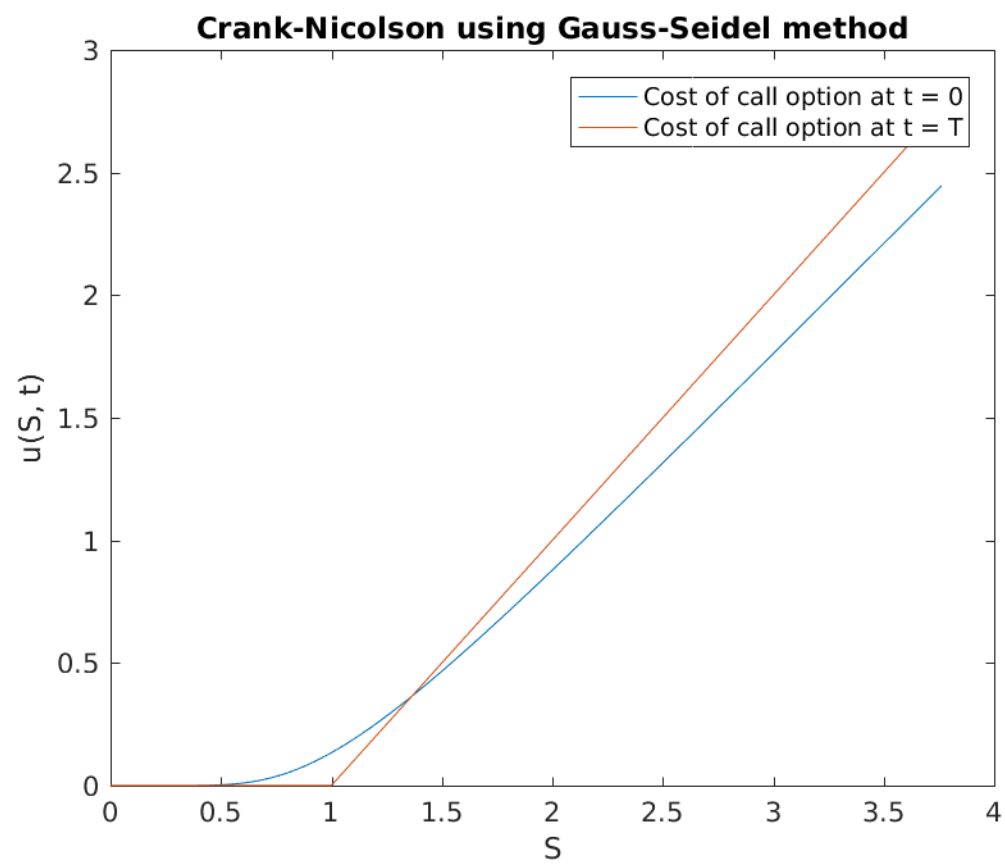


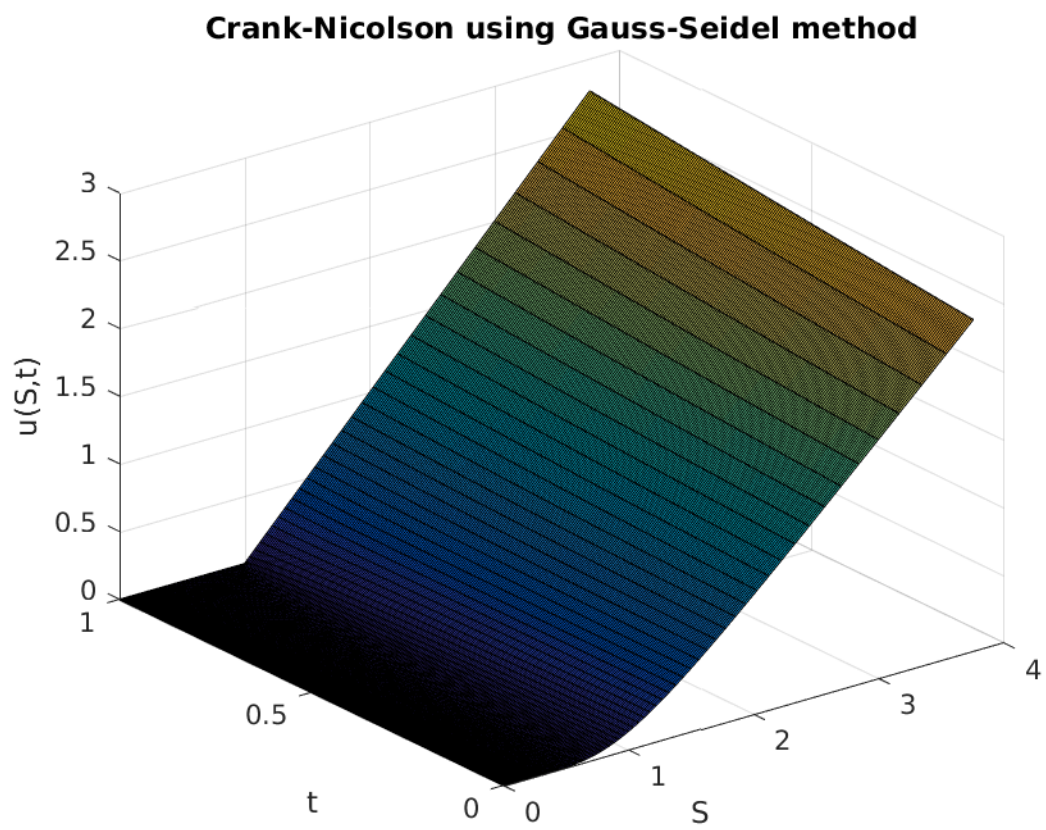


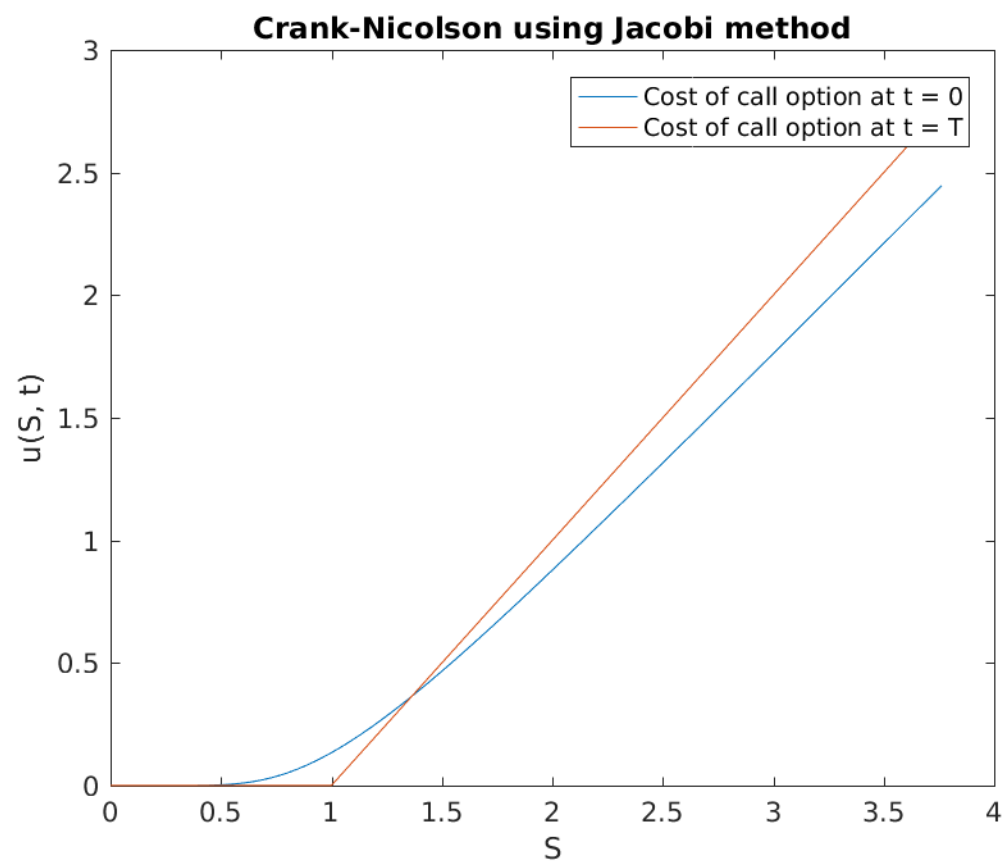


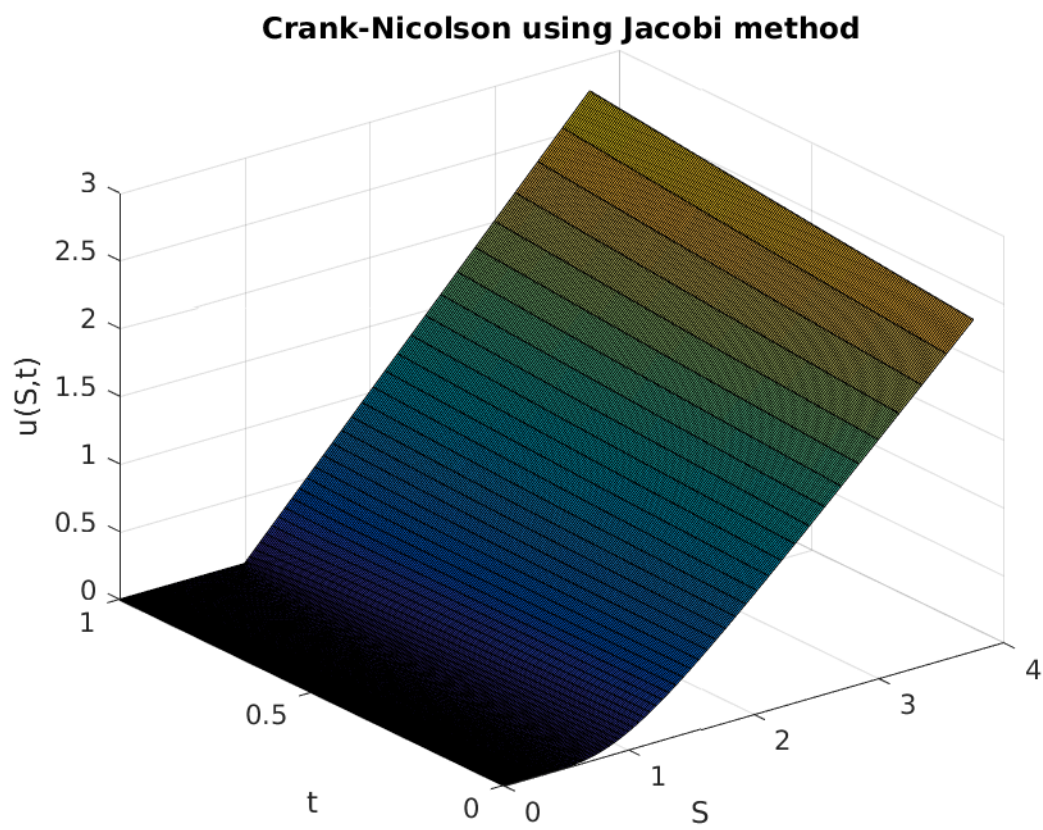
Crank-Nicolson using Matlab Back-Slash method

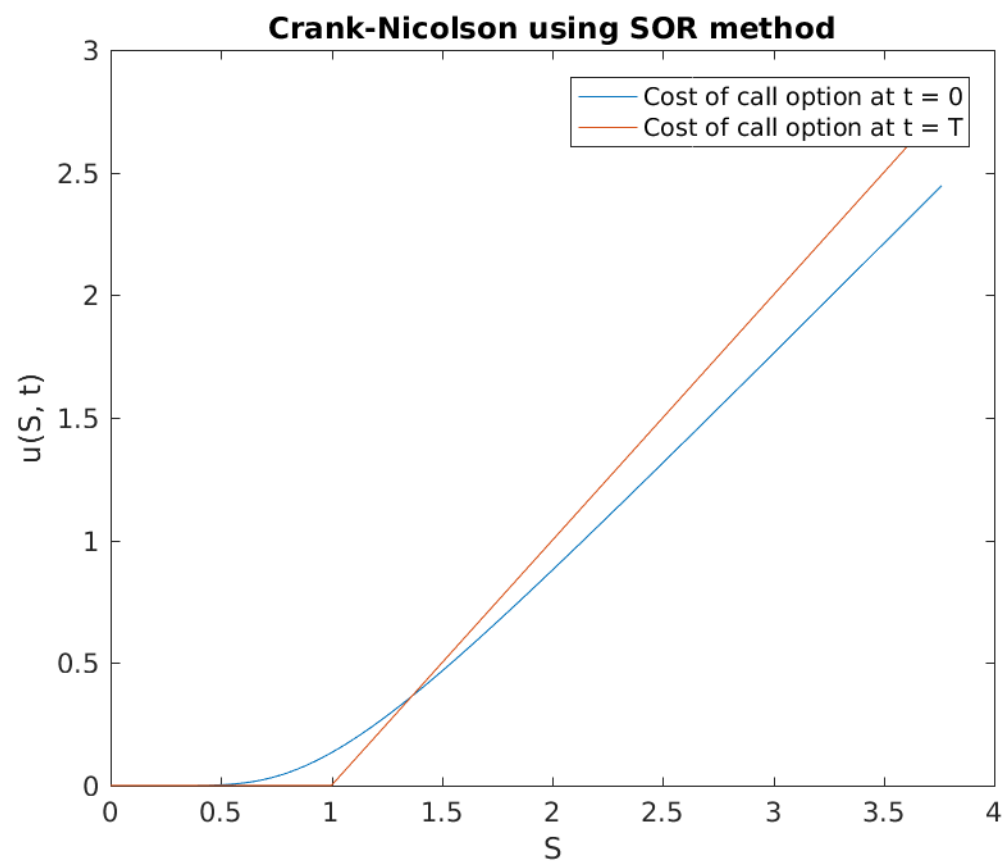


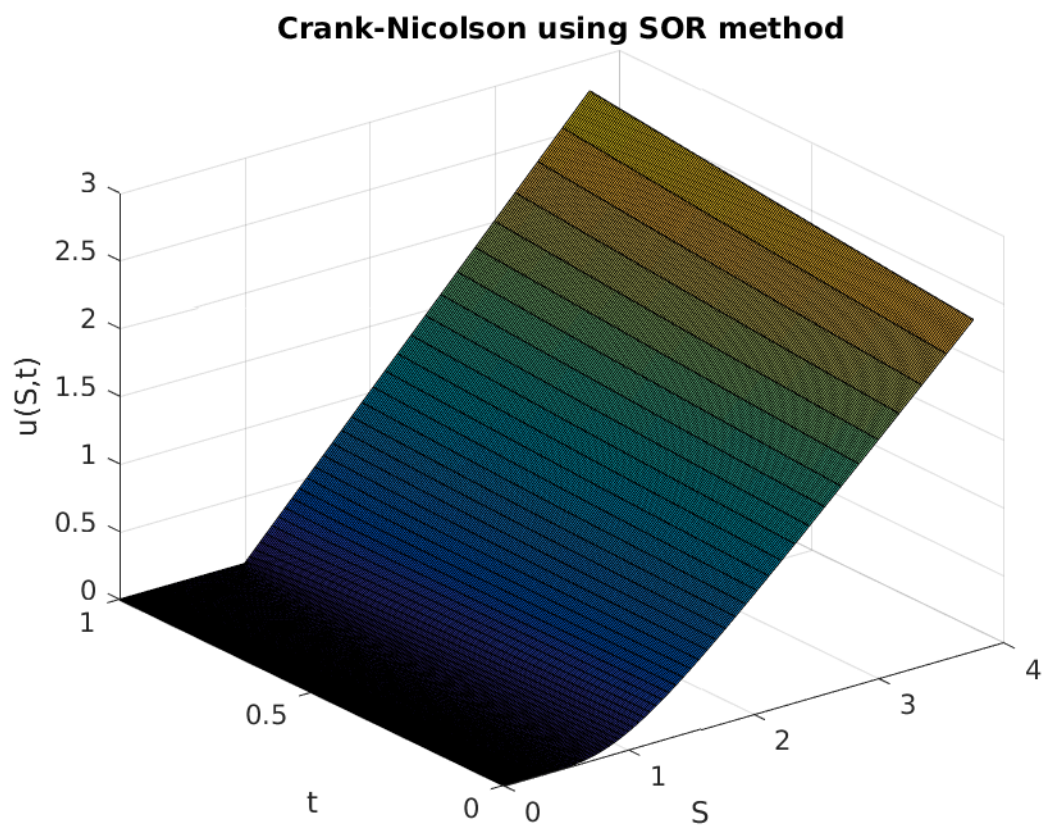




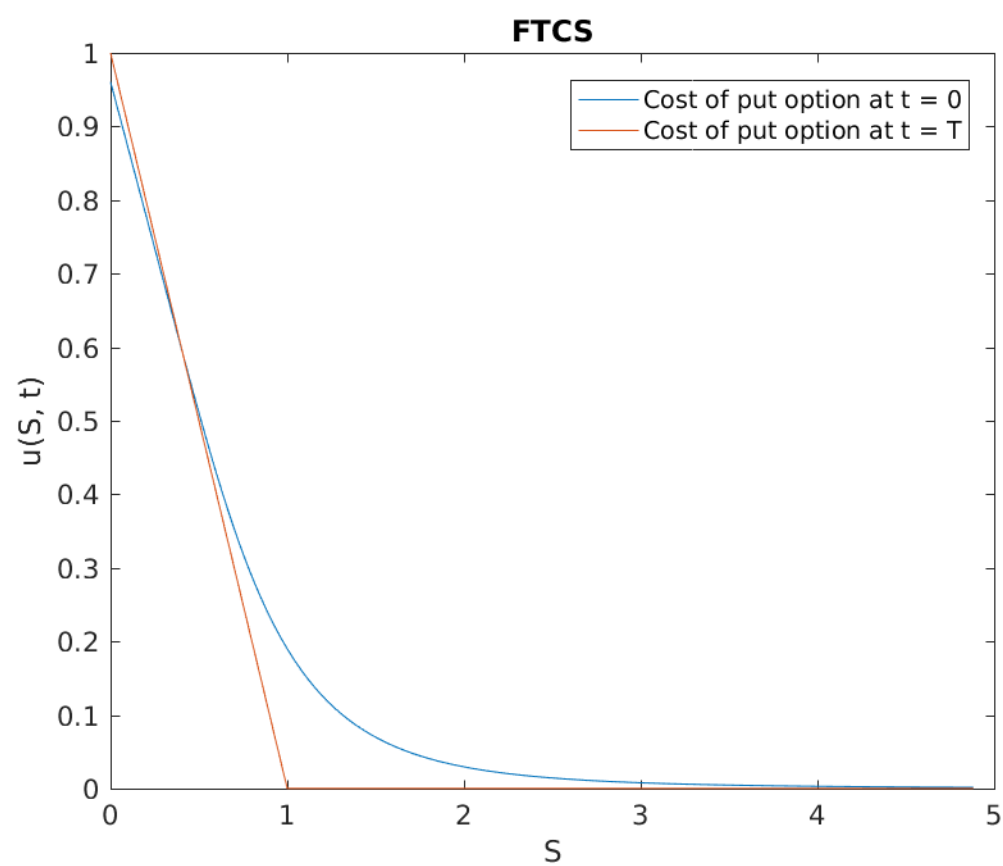


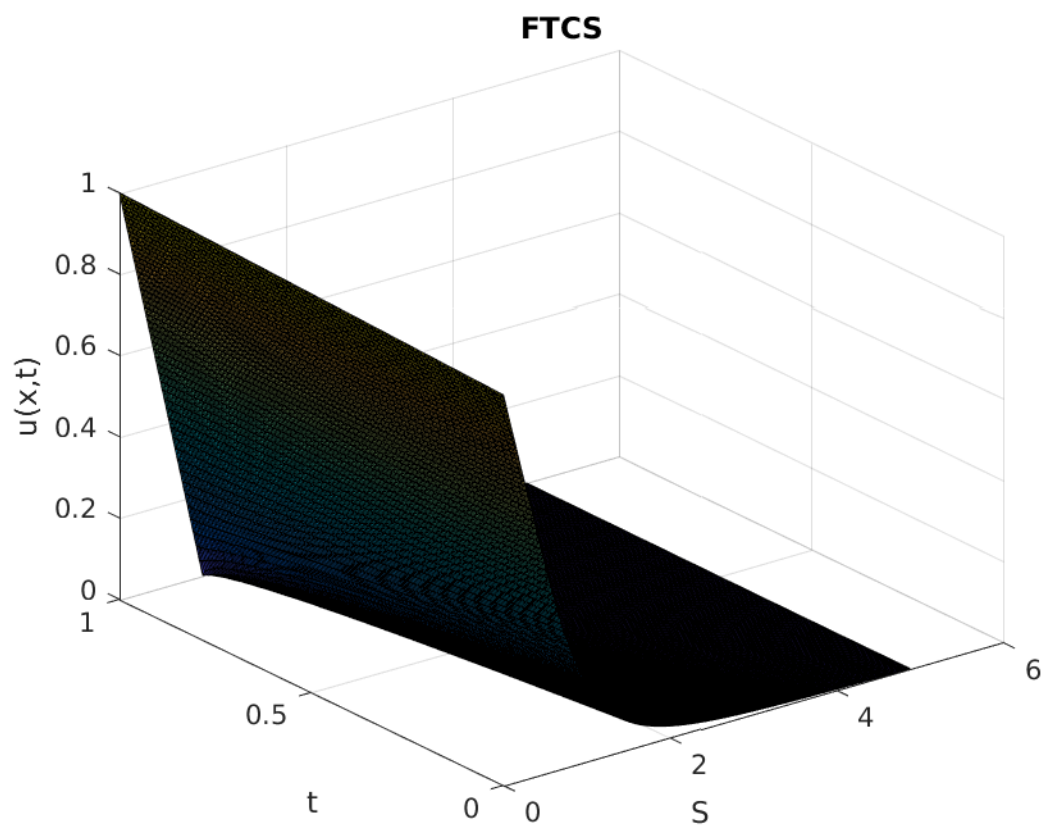


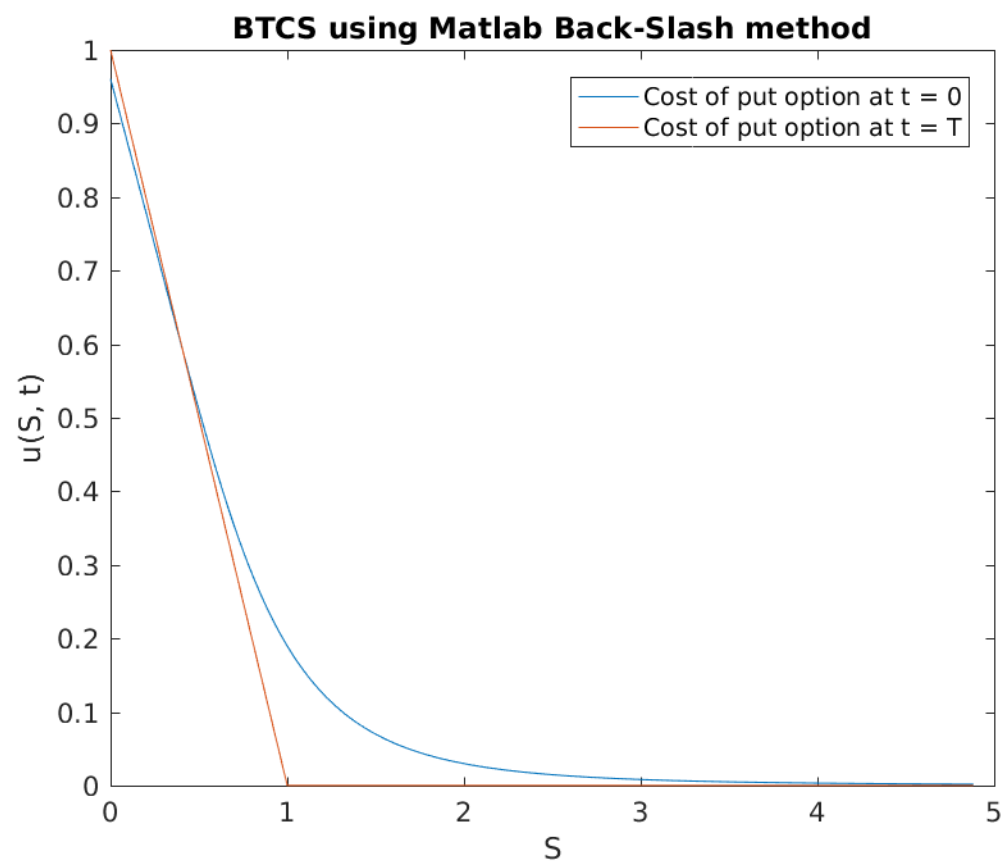


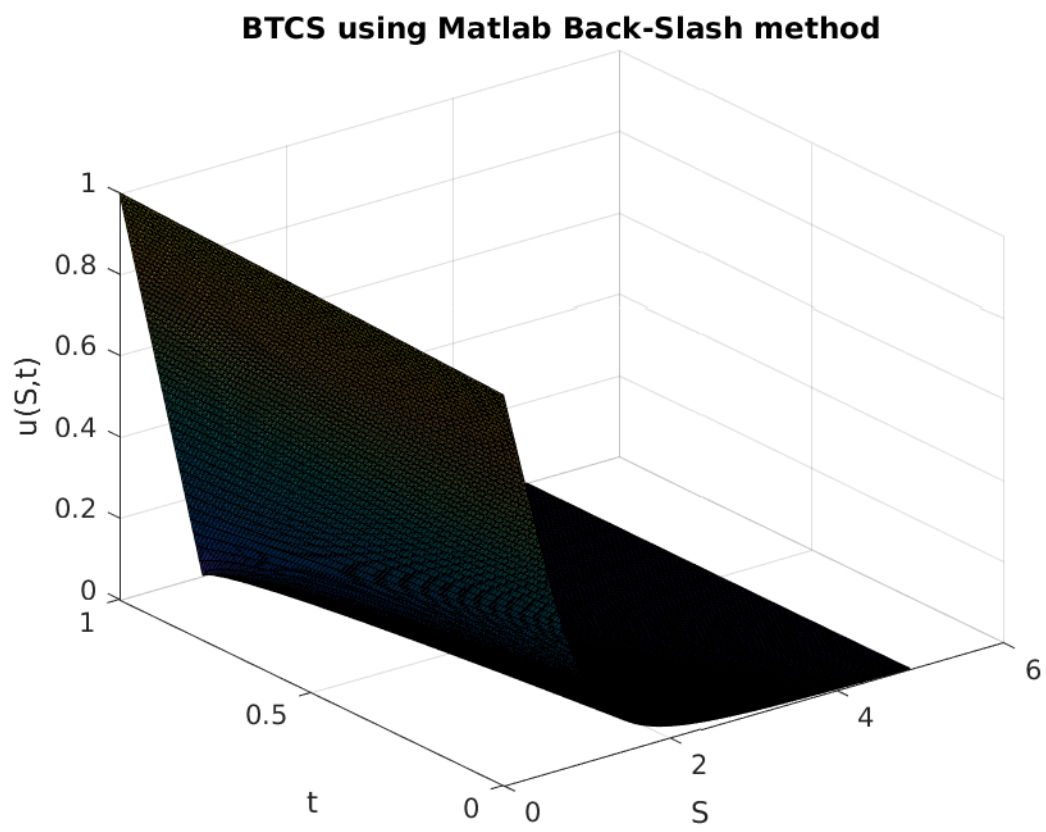


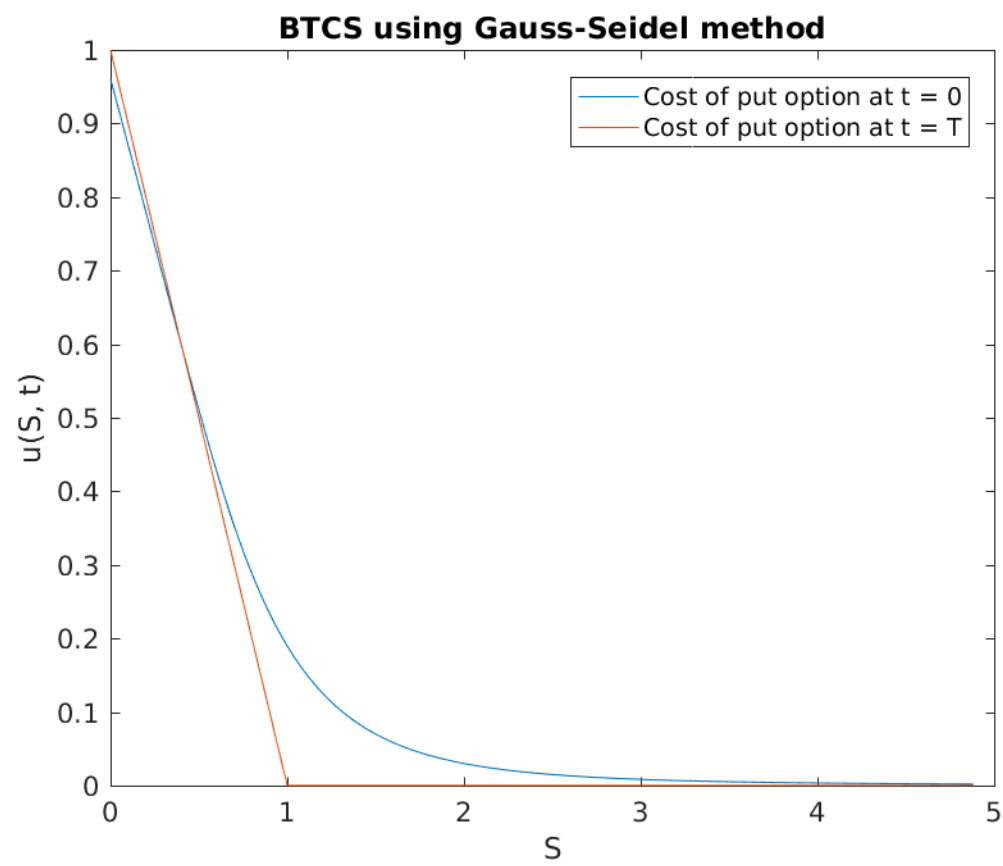
Question 2

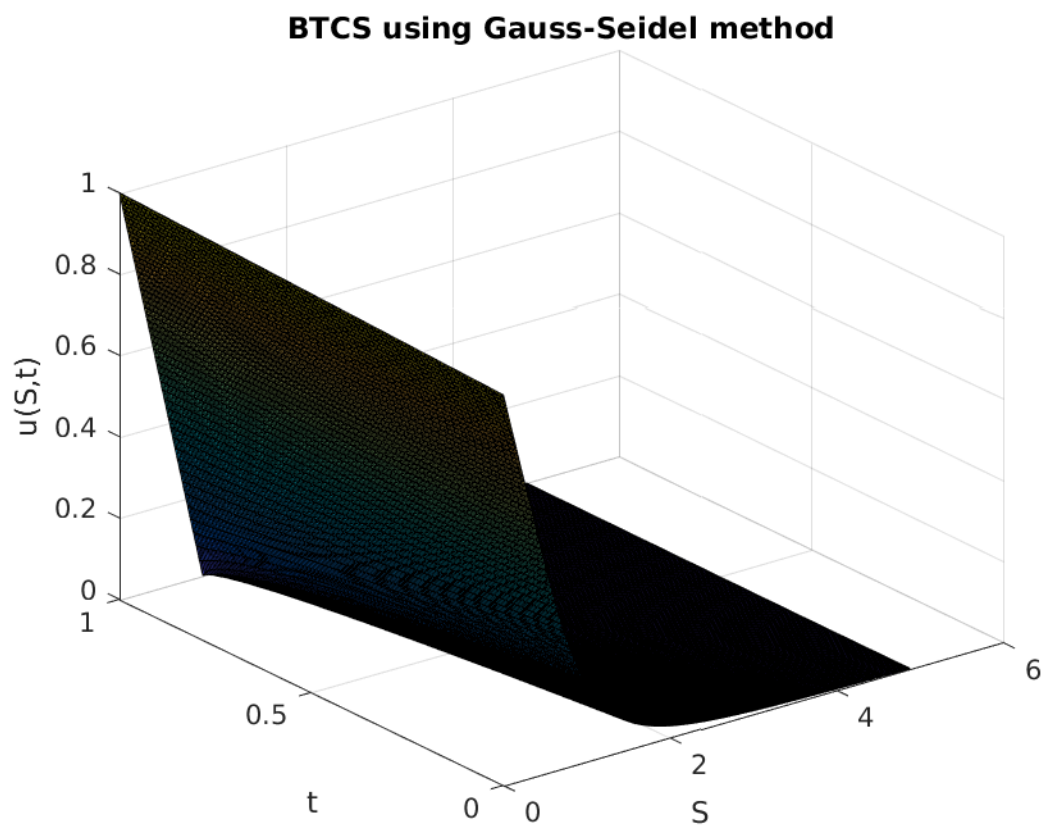


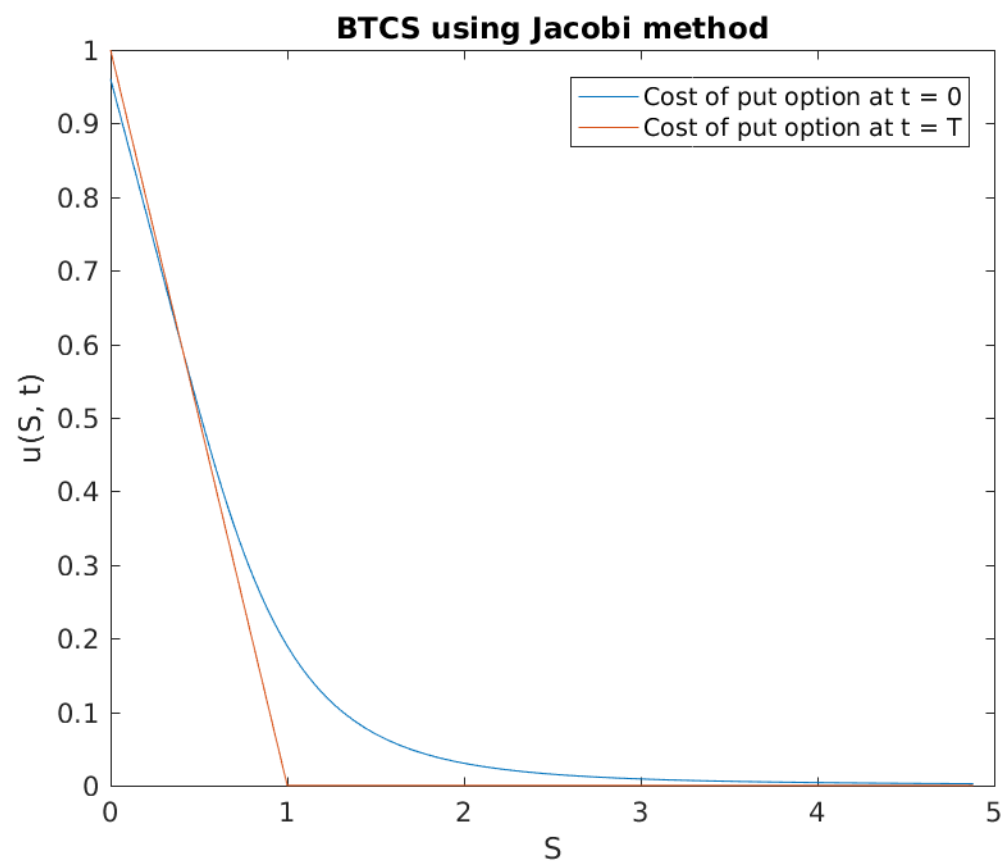


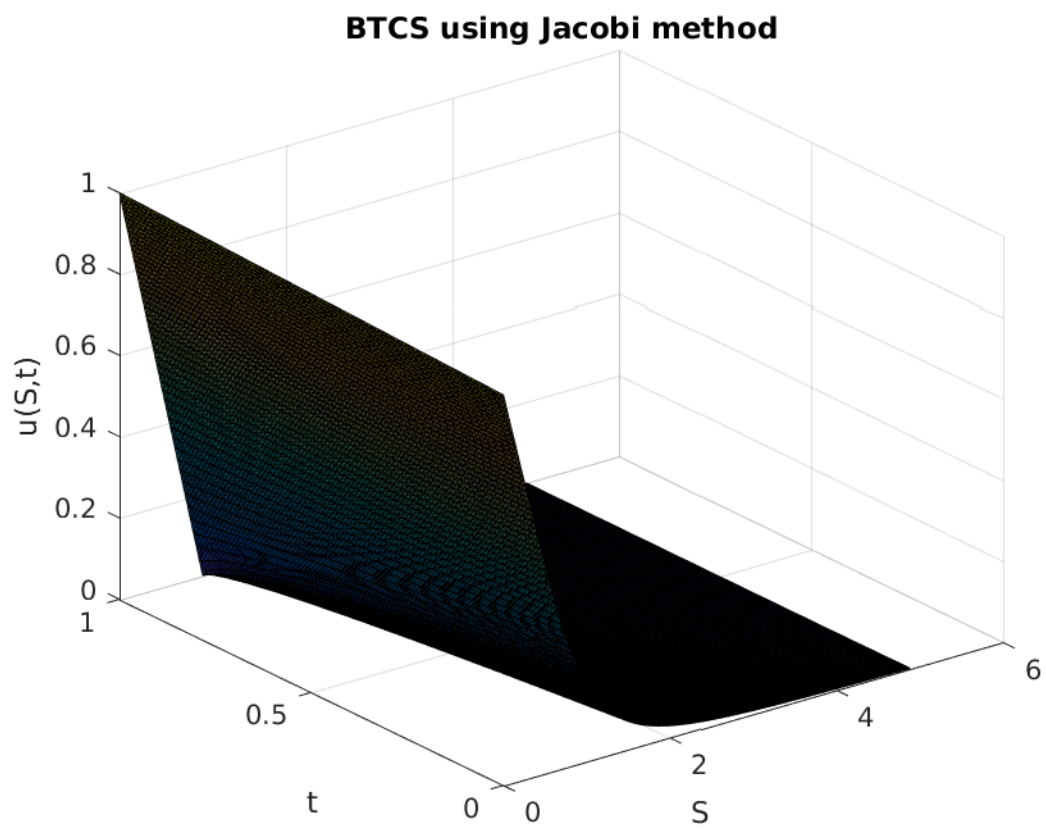


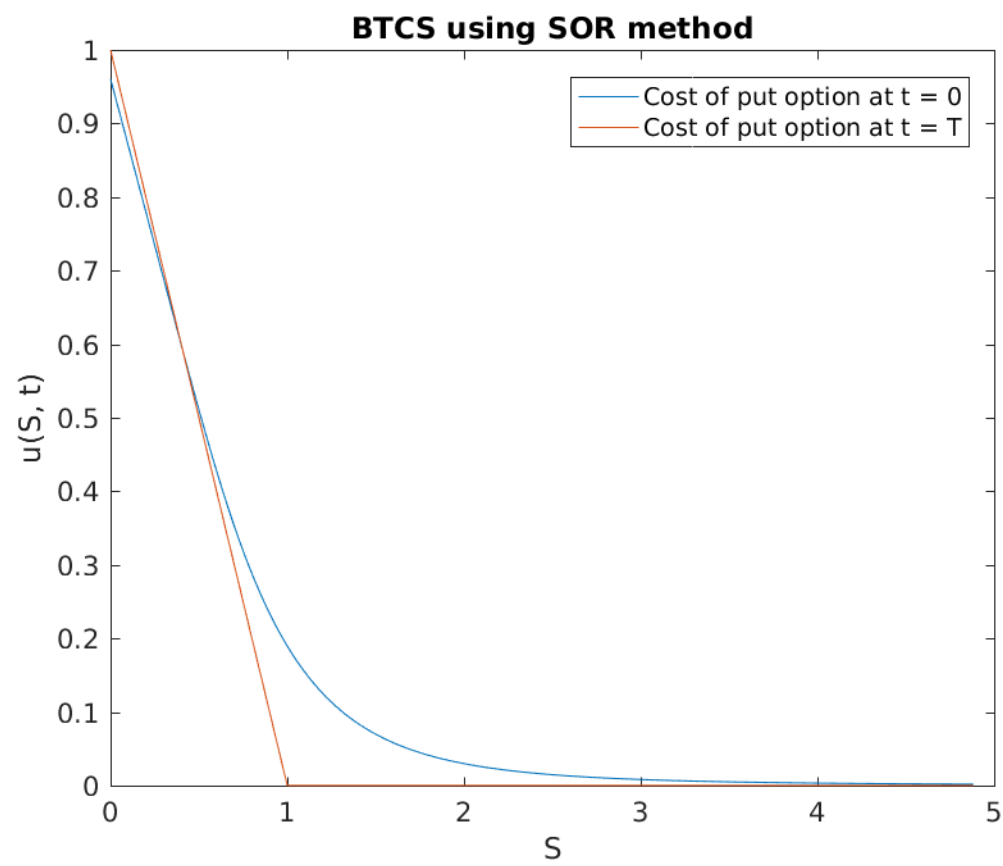


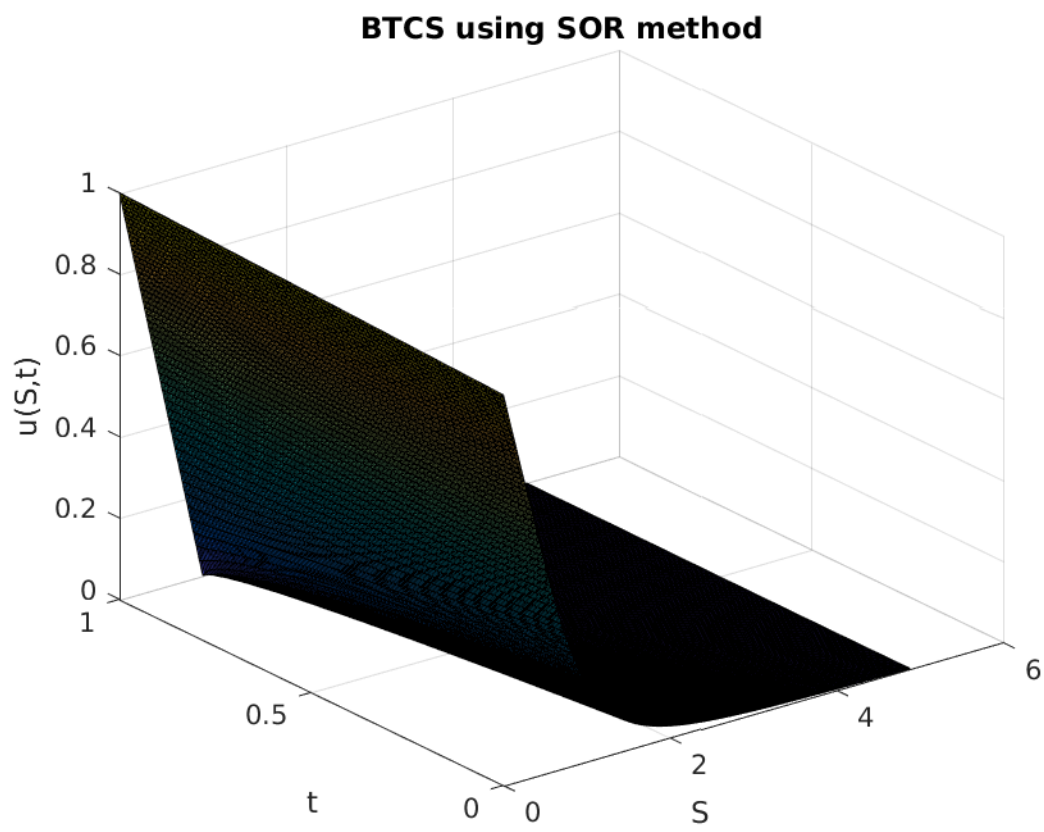


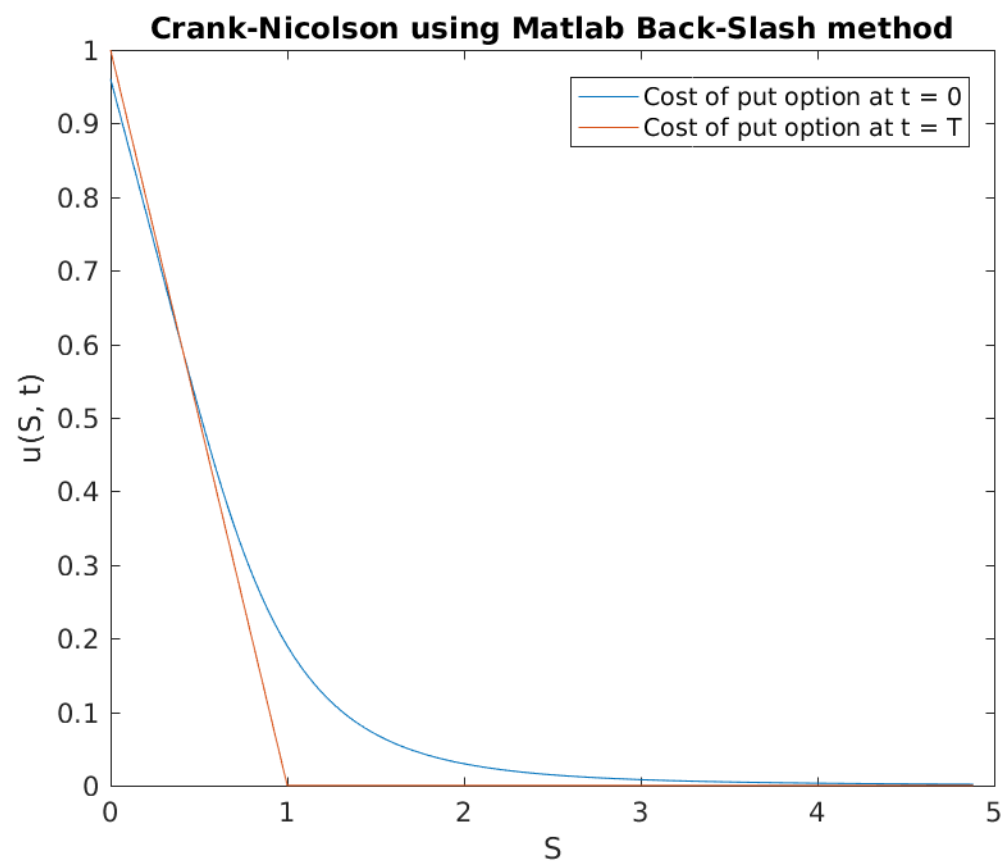












Crank-Nicolson using Matlab Back-Slash method

