



भारतीय प्रौद्योगिकी संस्थान गुवाहाटी
INDIAN INSTITUTE OF TECHNOLOGY GUWAHATI

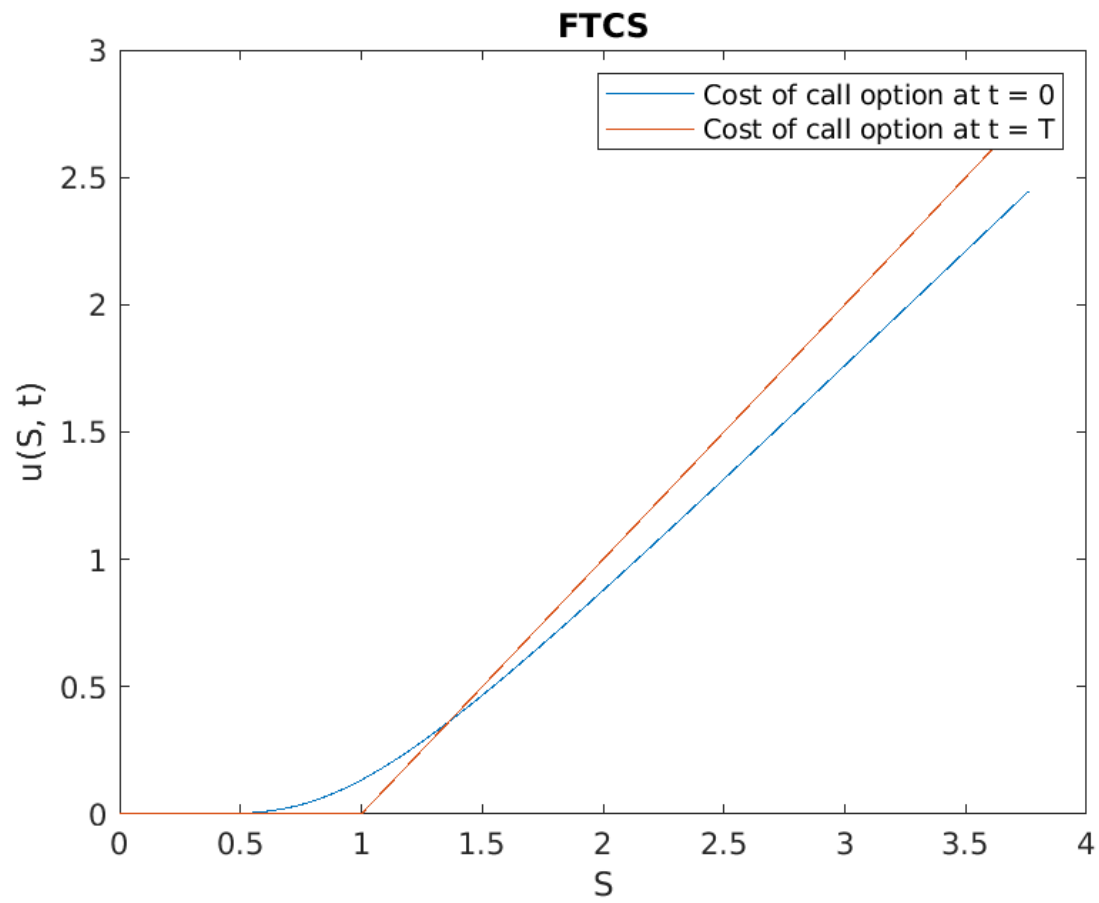
MA 473: Computational Finance Lab

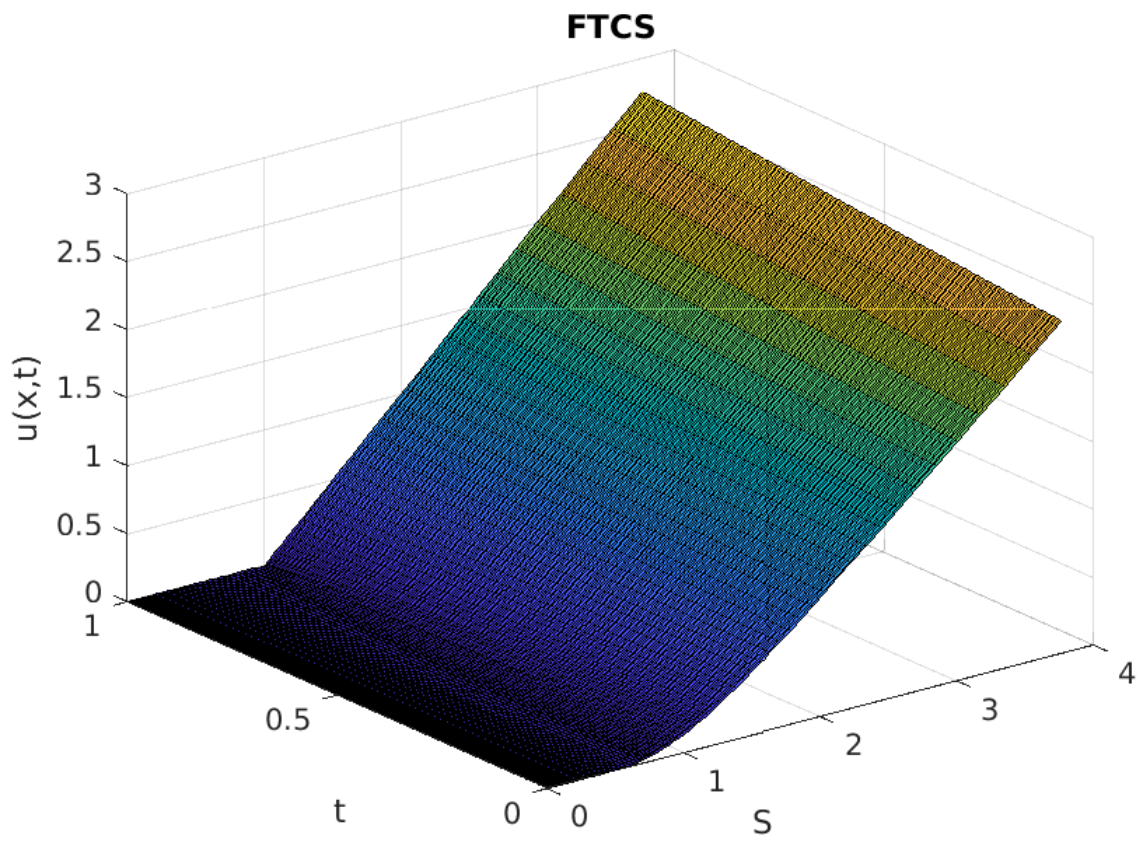
Lab 04

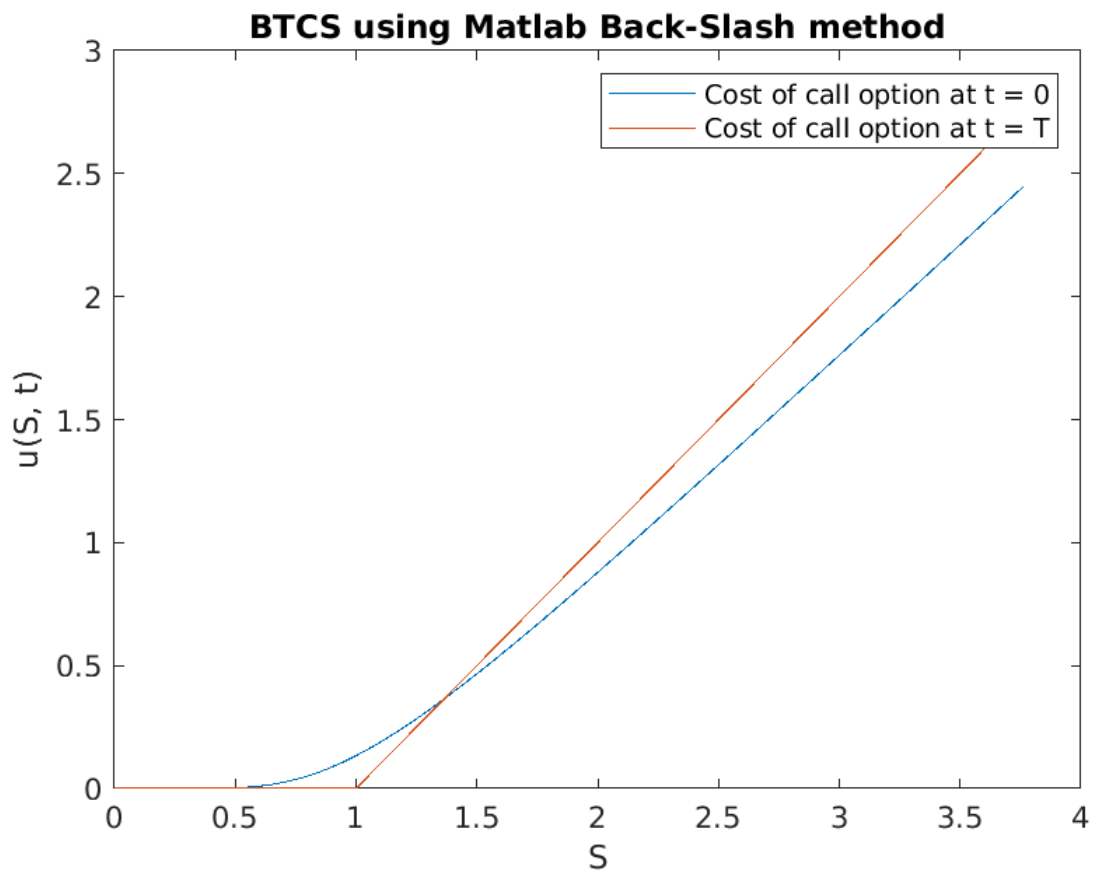
AB Satyaprakash (180123062)

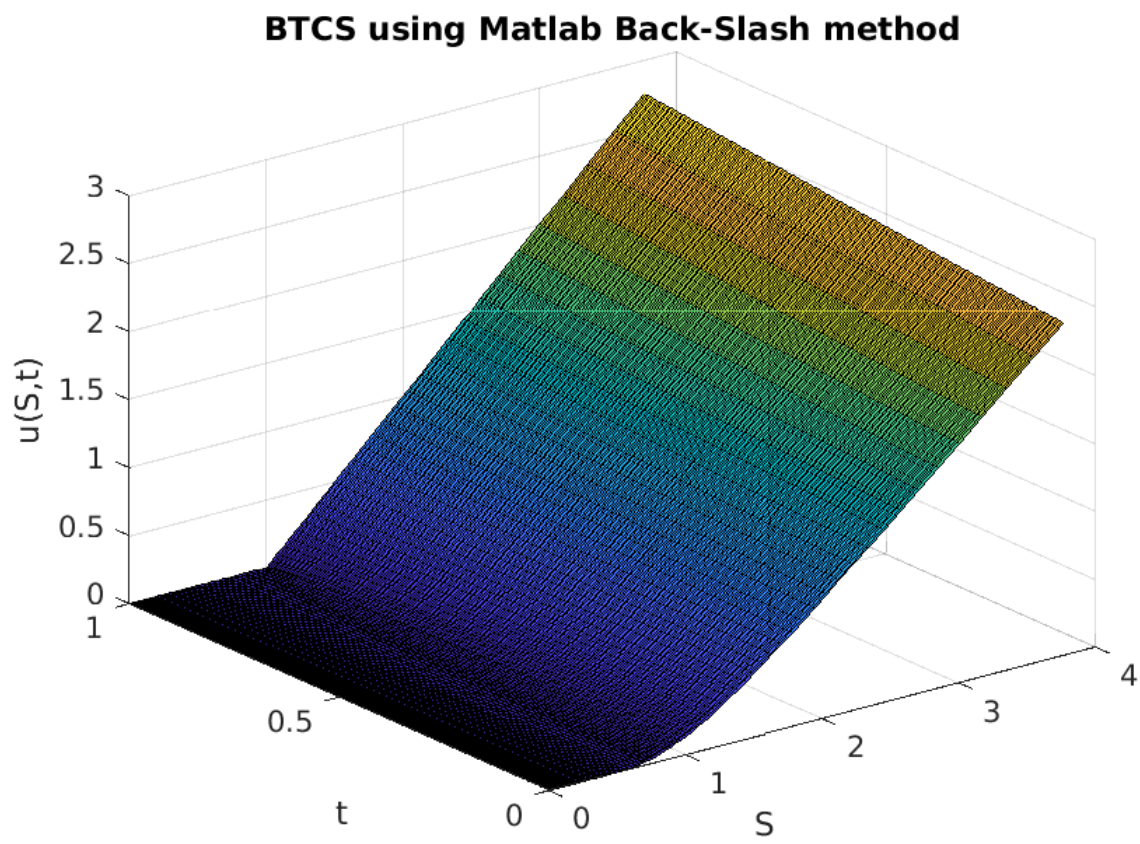
5 Sept 2021

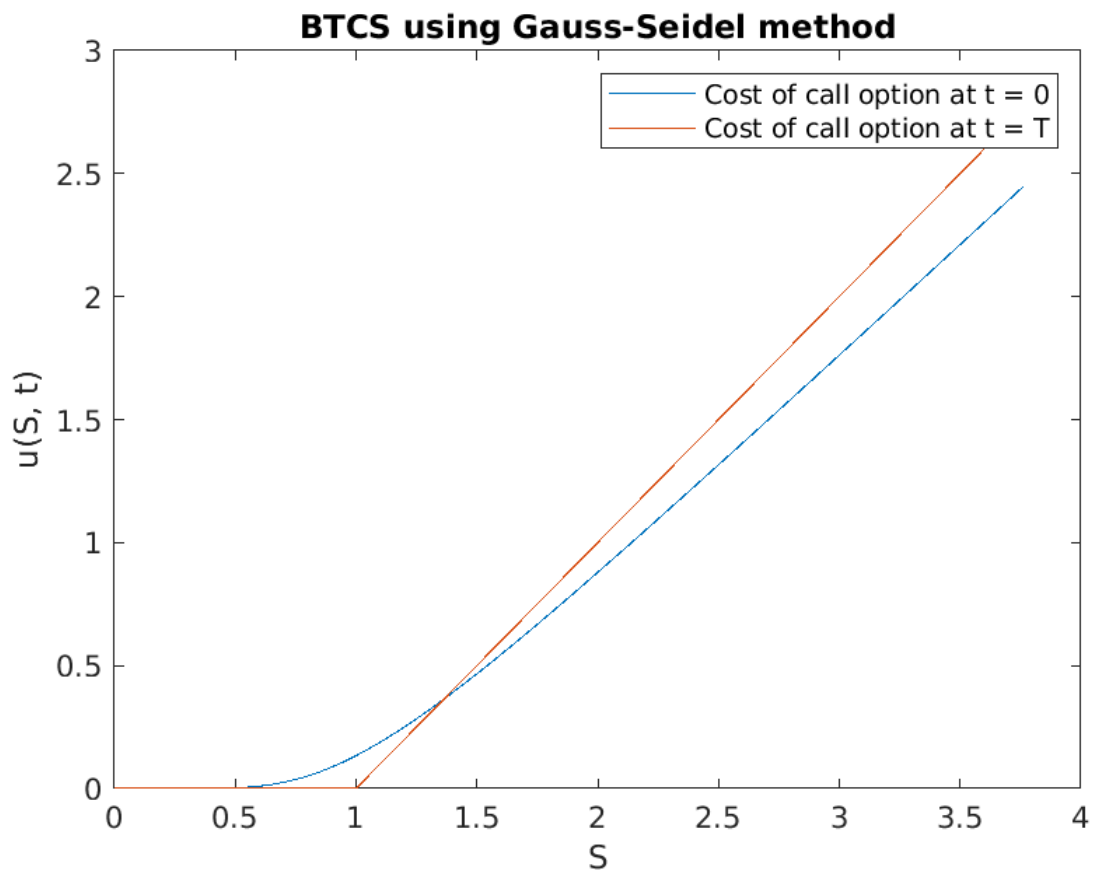
Question 01.

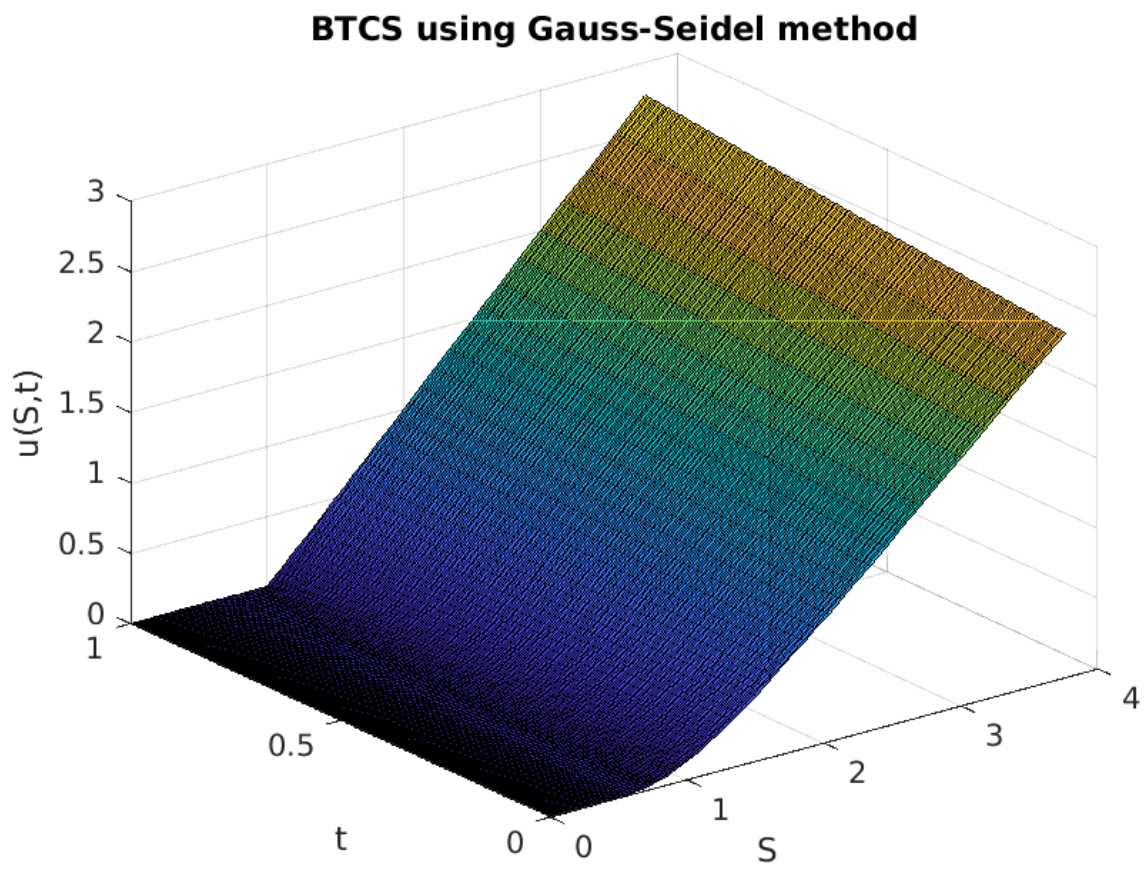


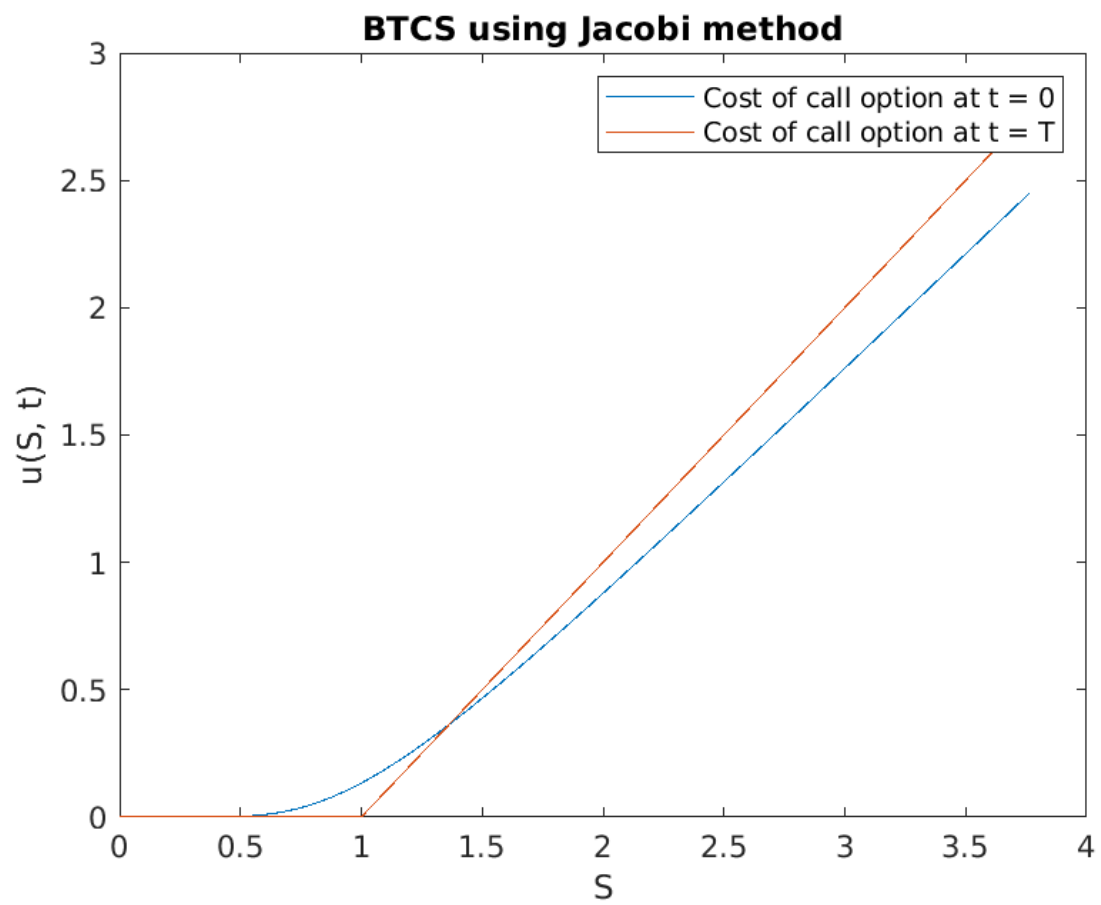


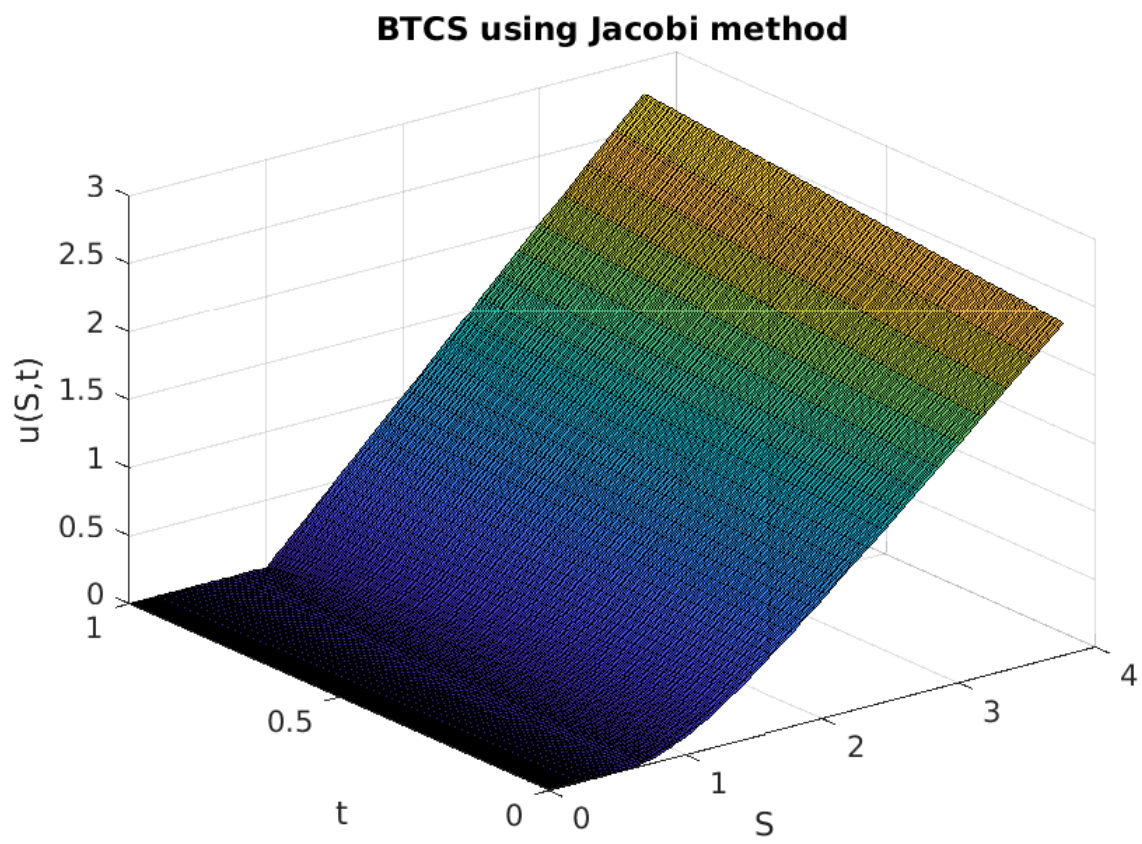


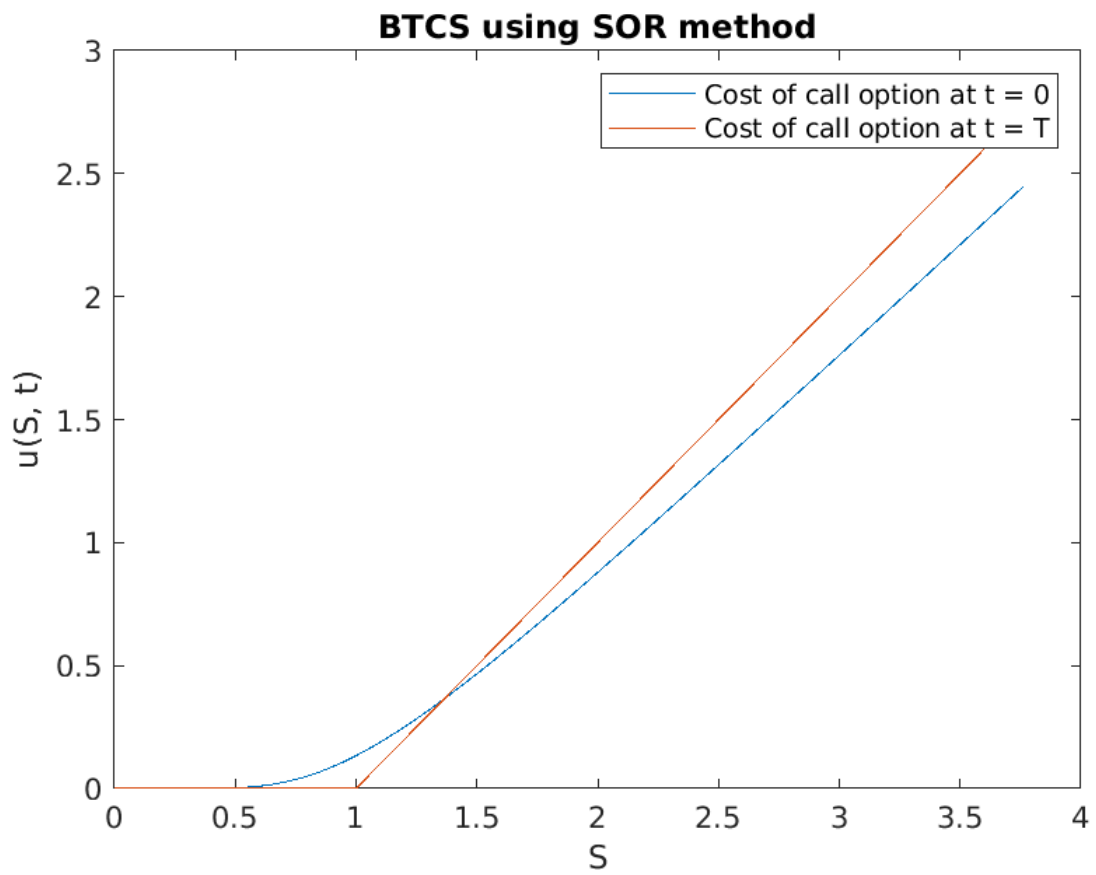


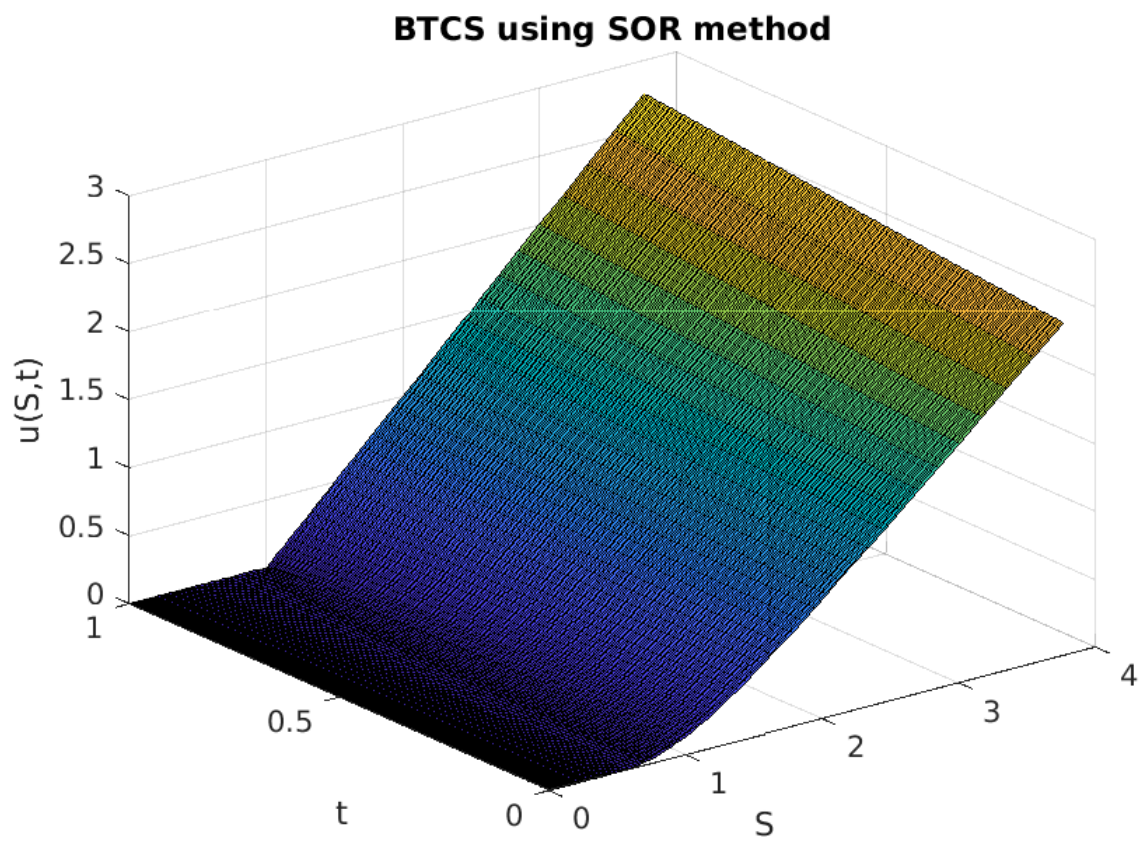


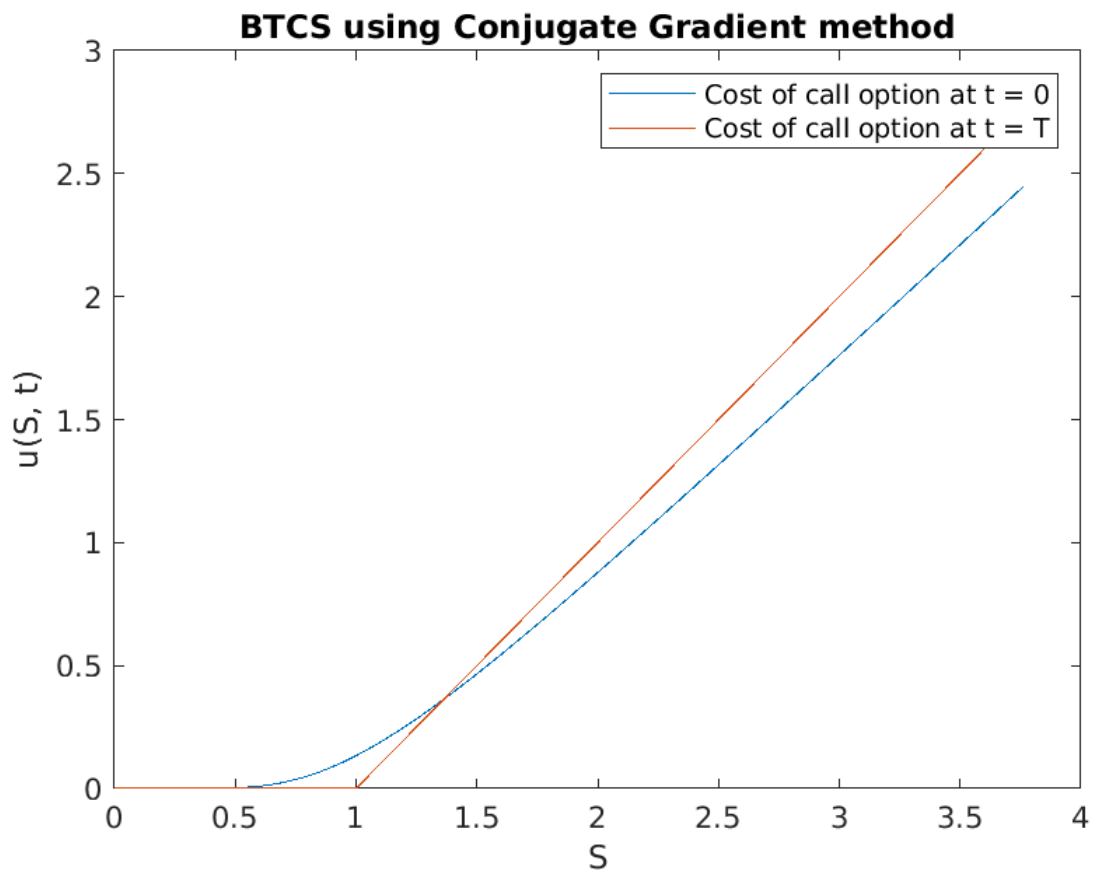


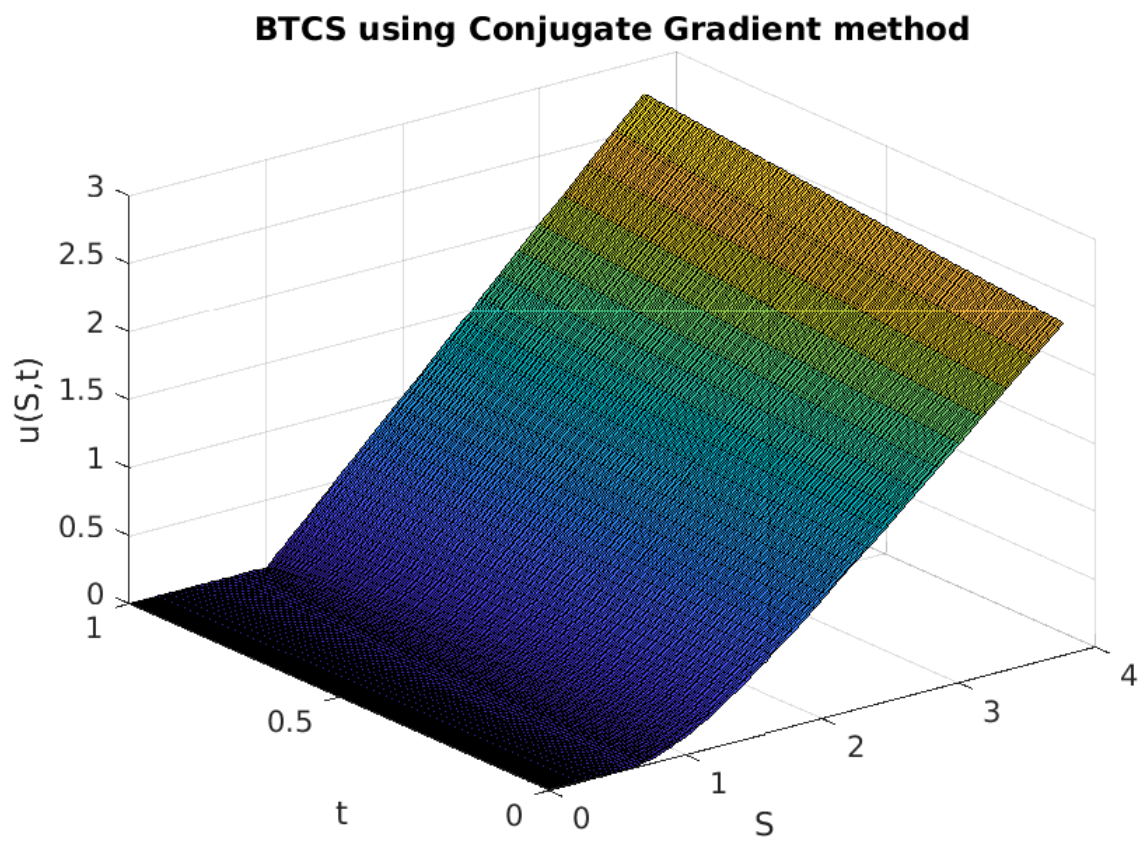


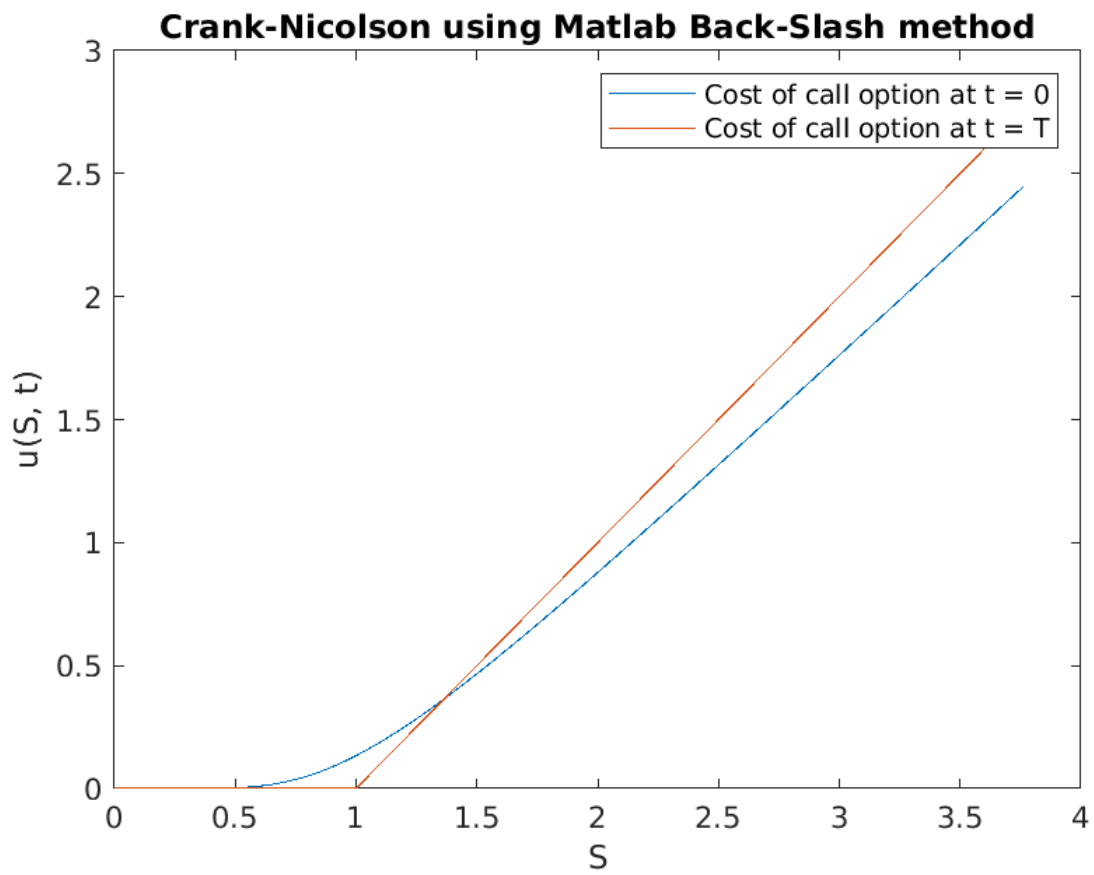




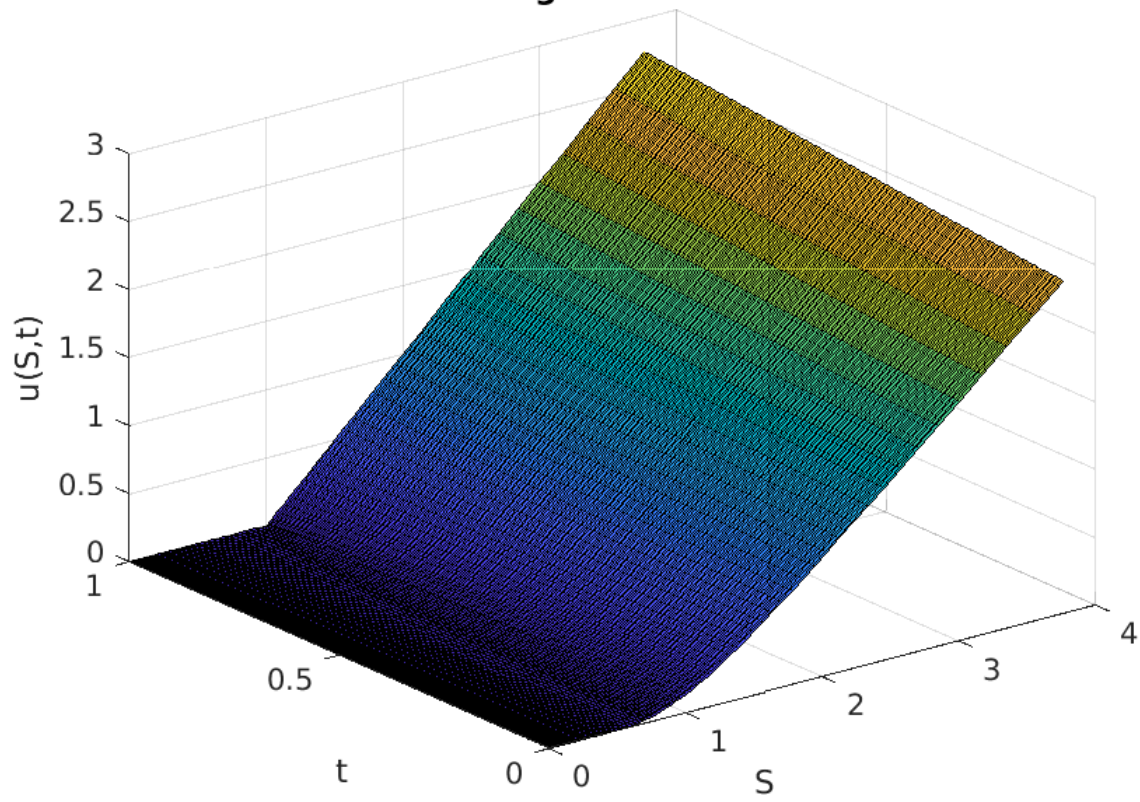


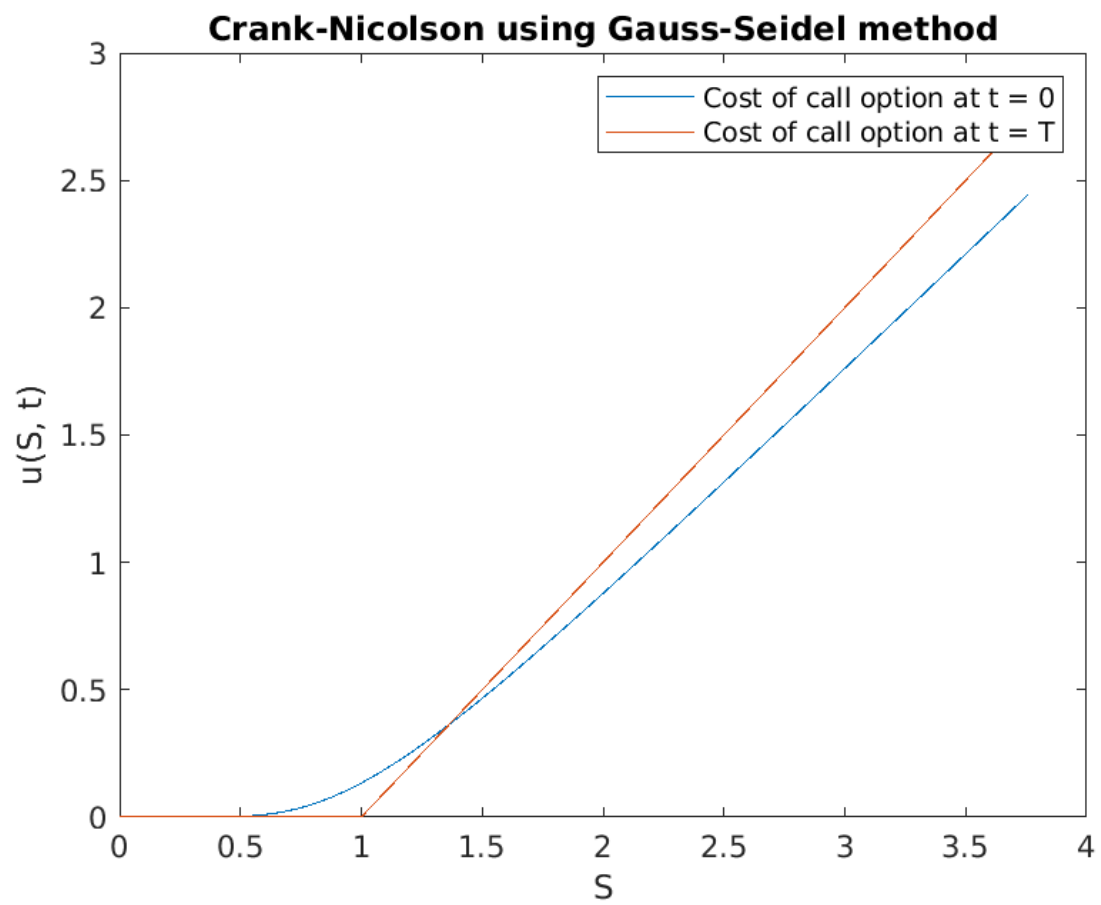


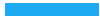




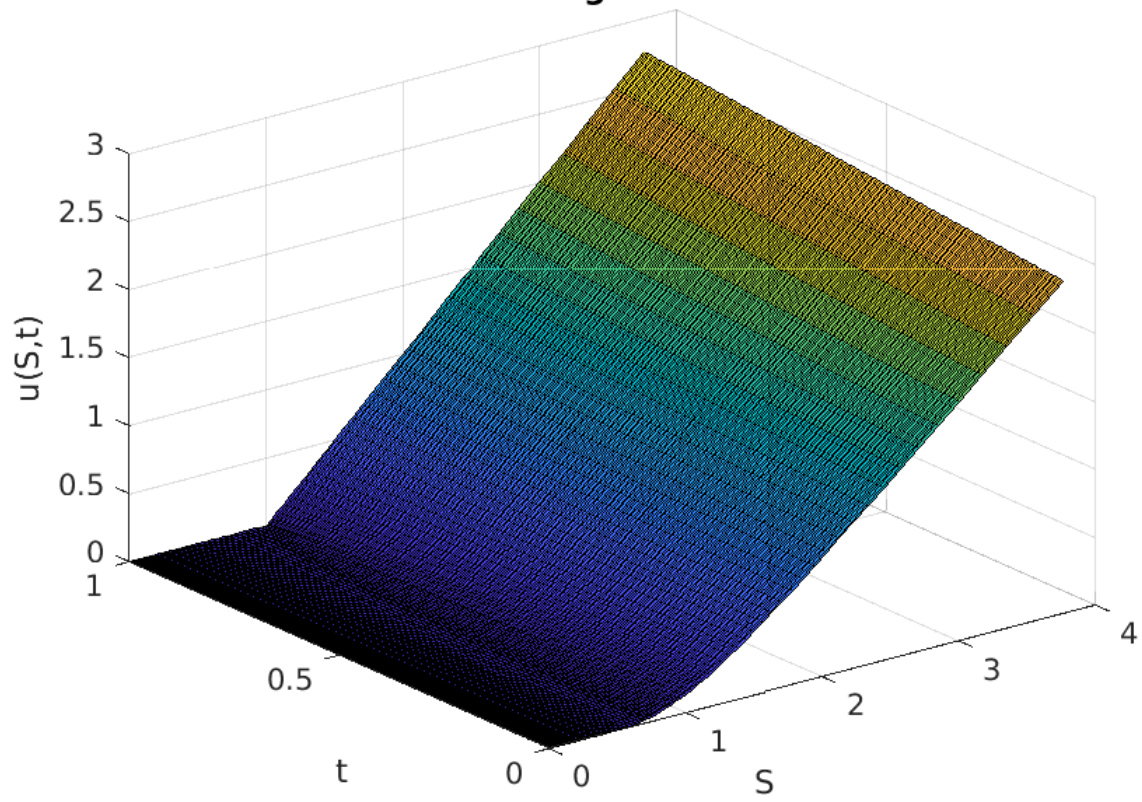
Crank-Nicolson using Matlab Back-Slash method

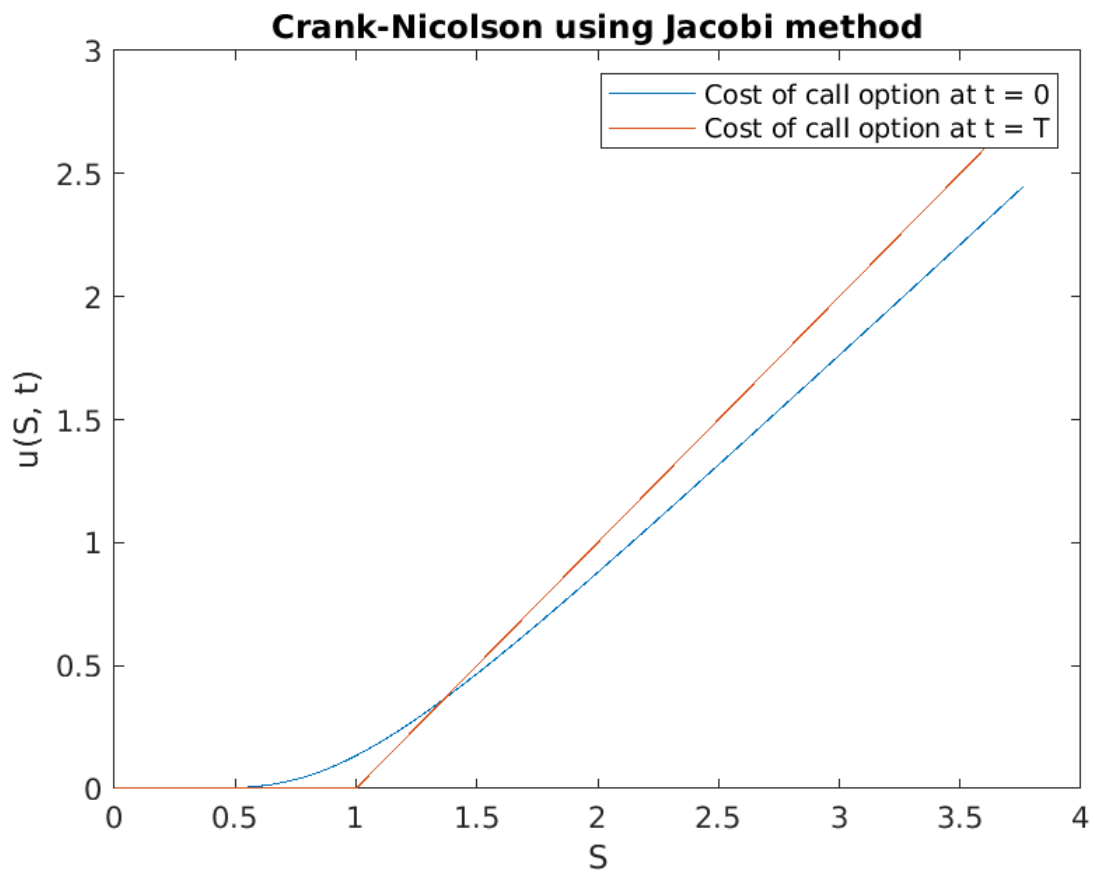


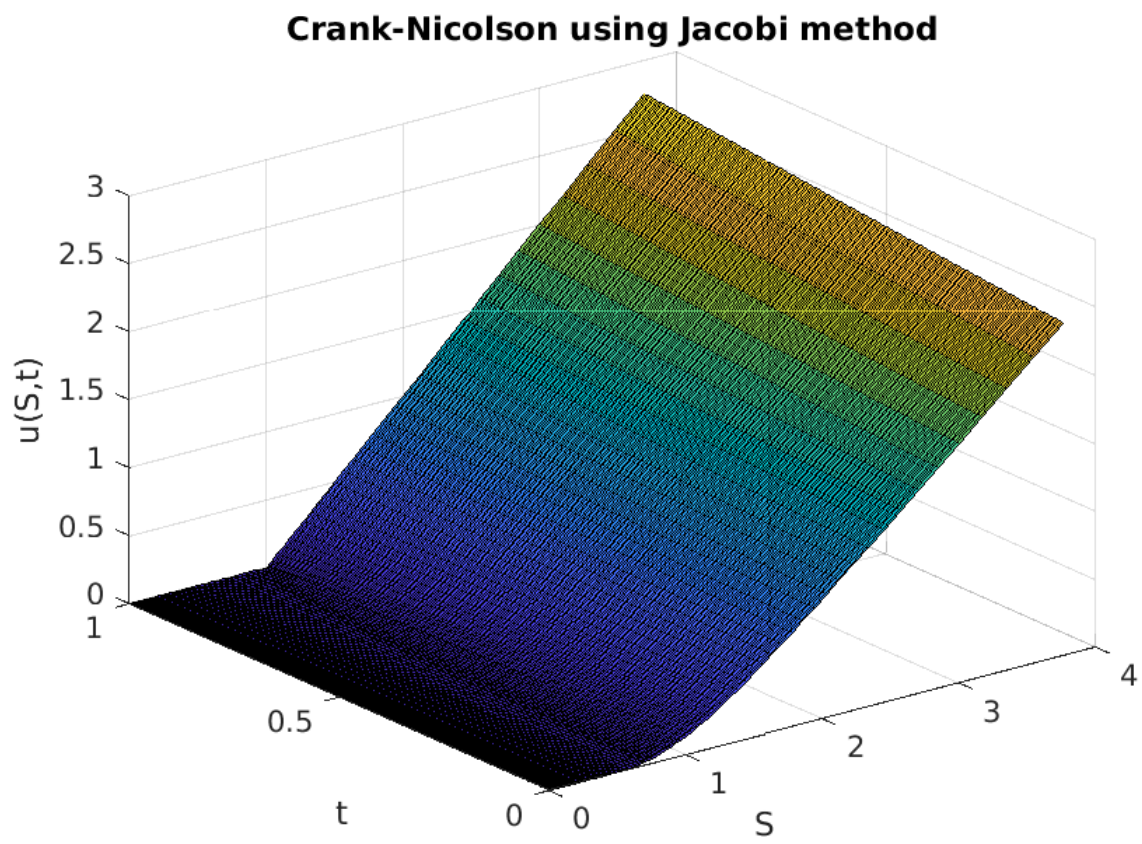


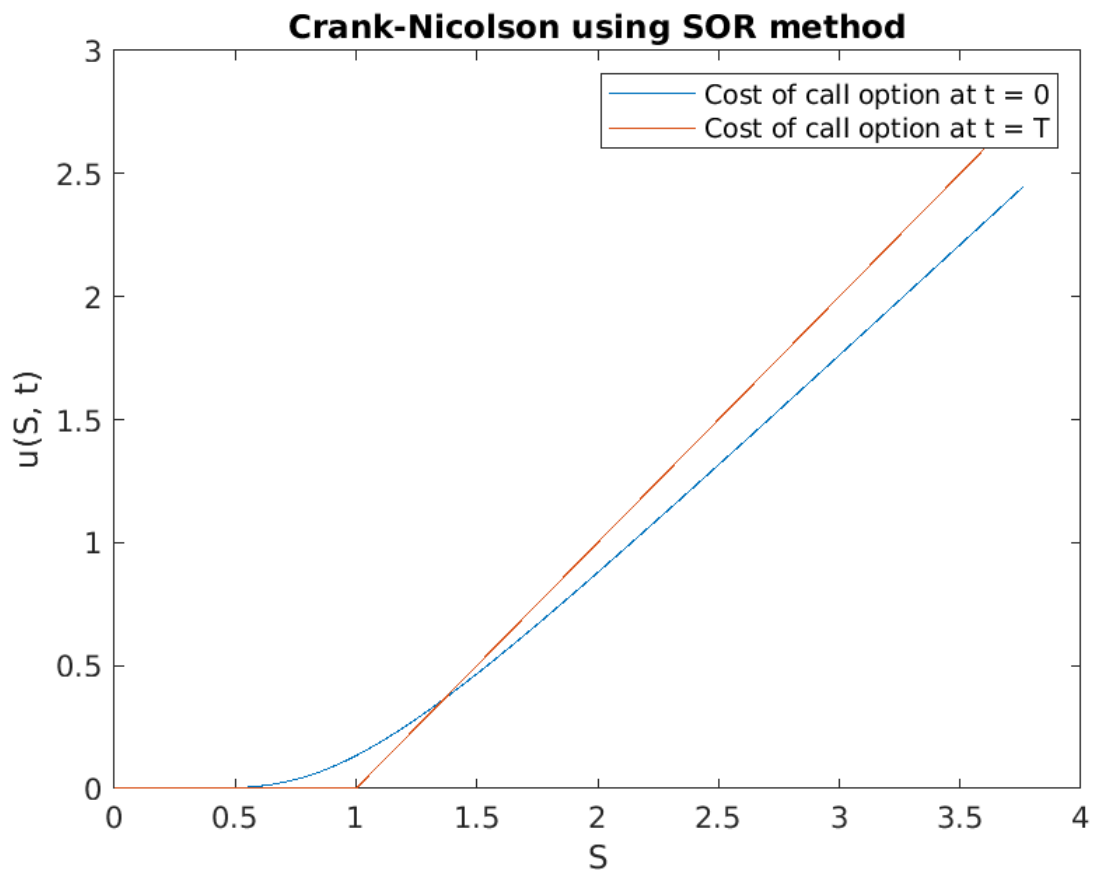


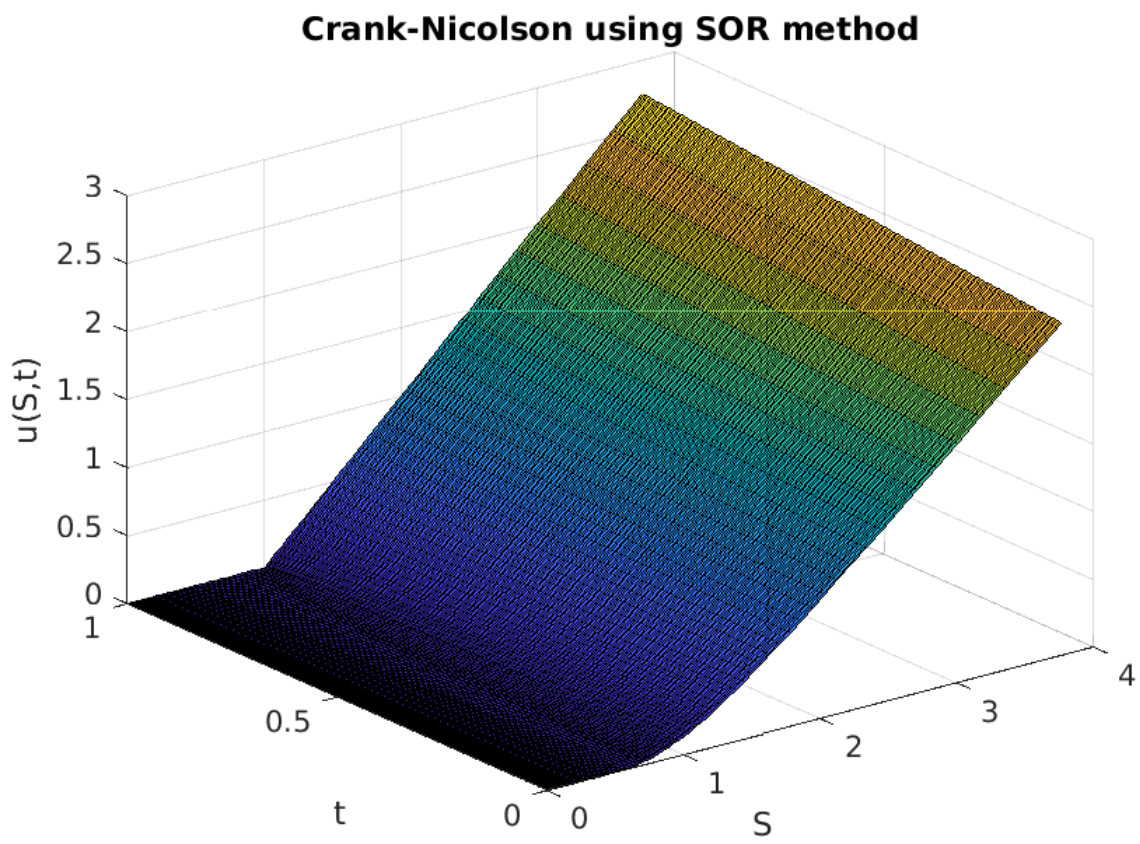
Crank-Nicolson using Gauss-Seidel method

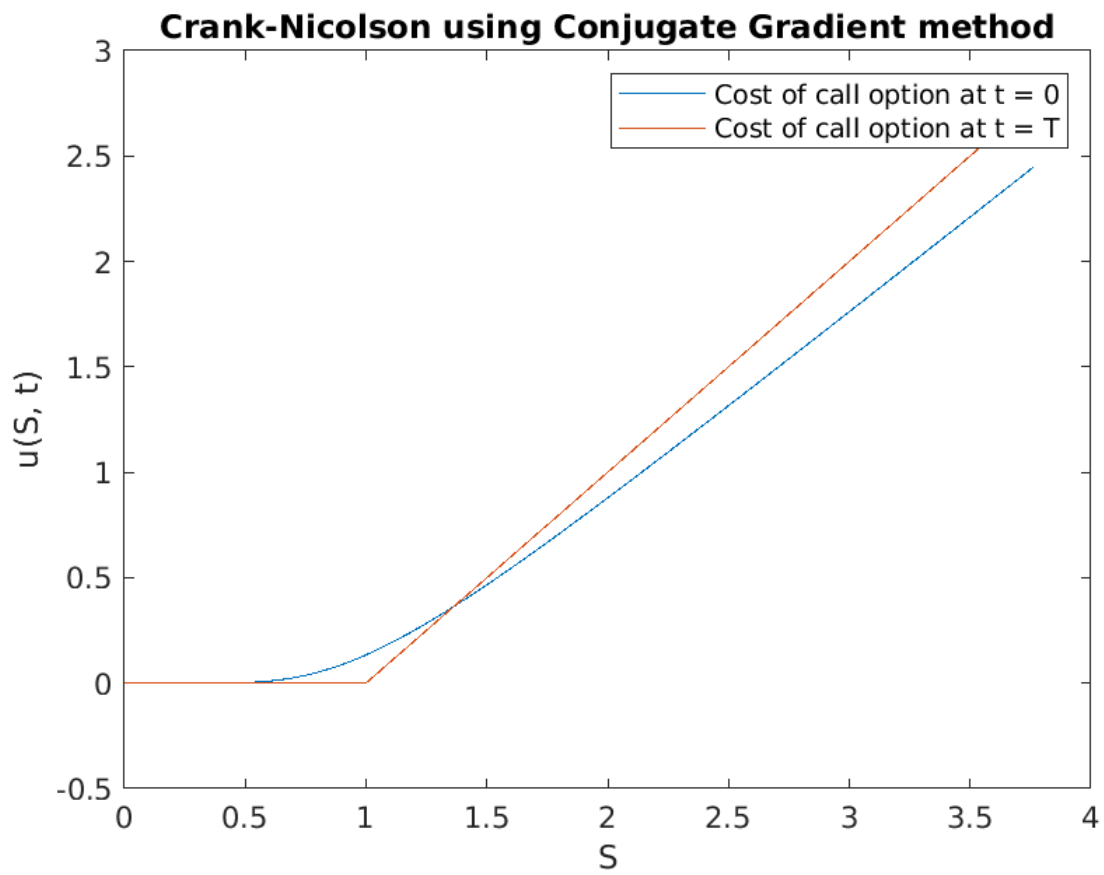


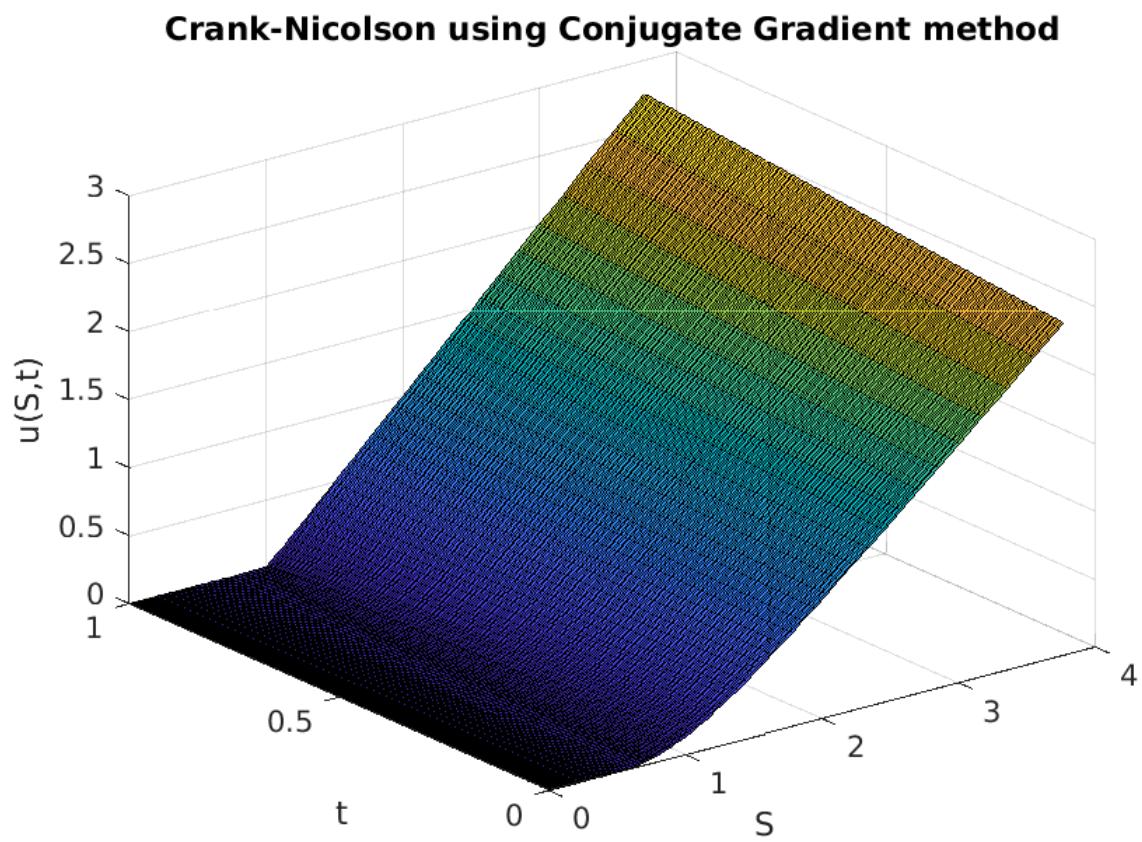




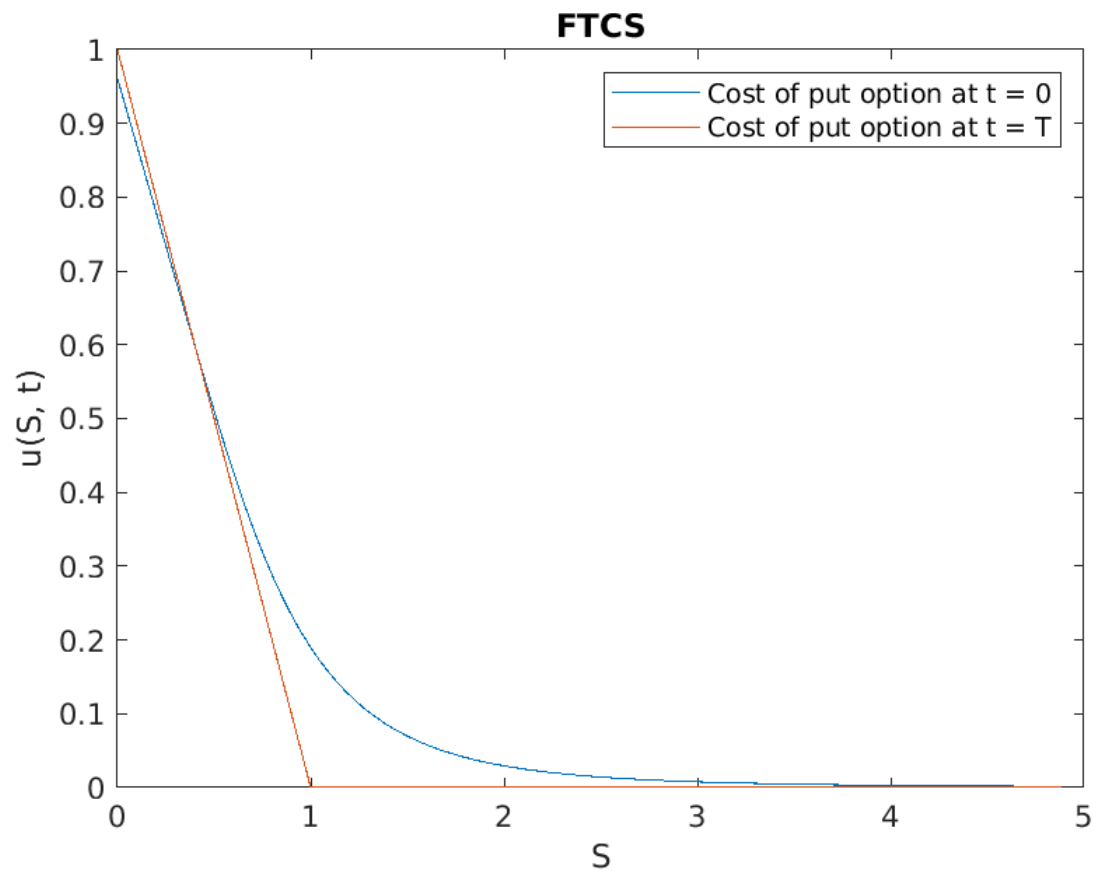


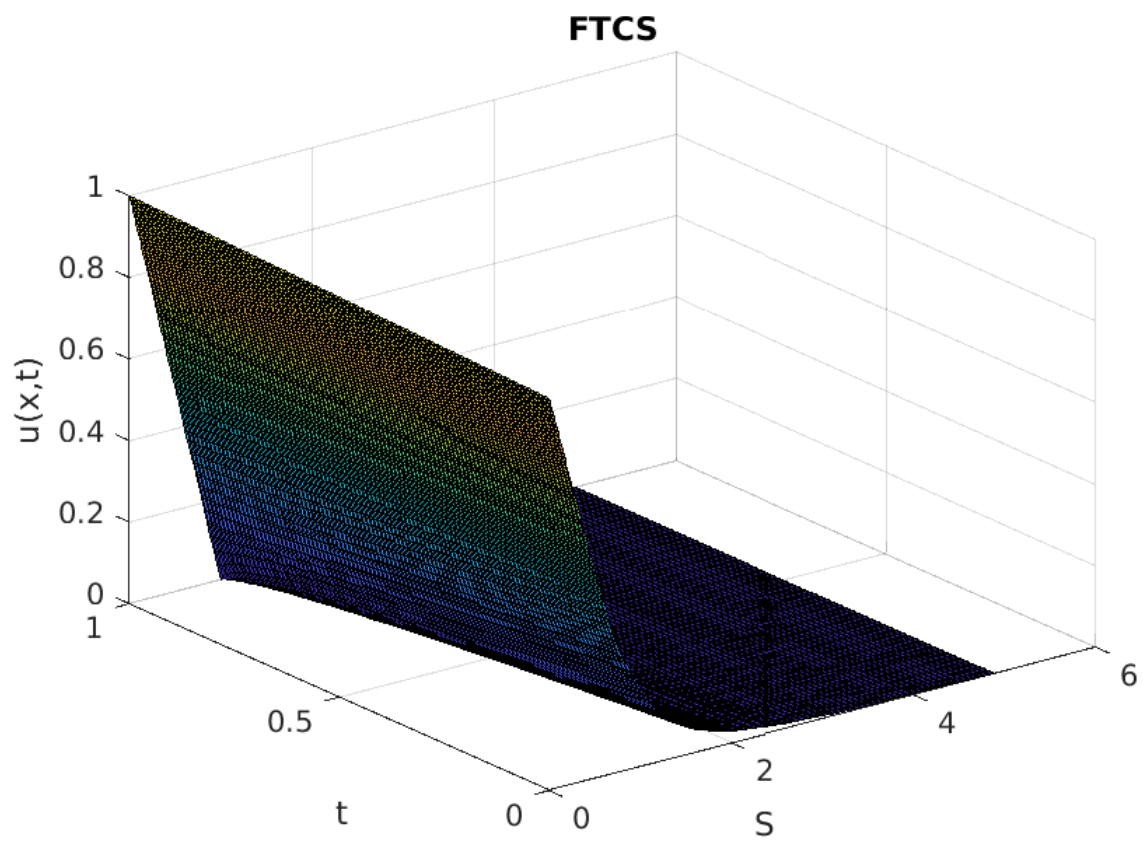


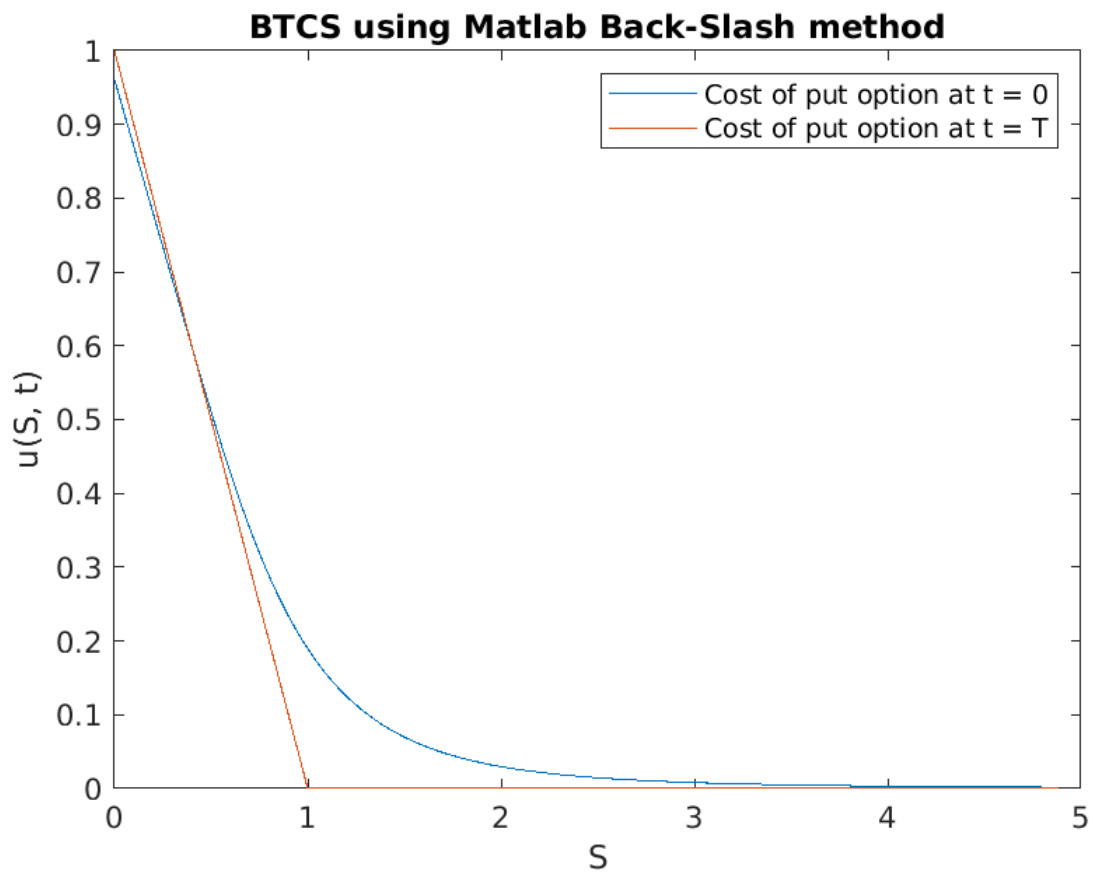


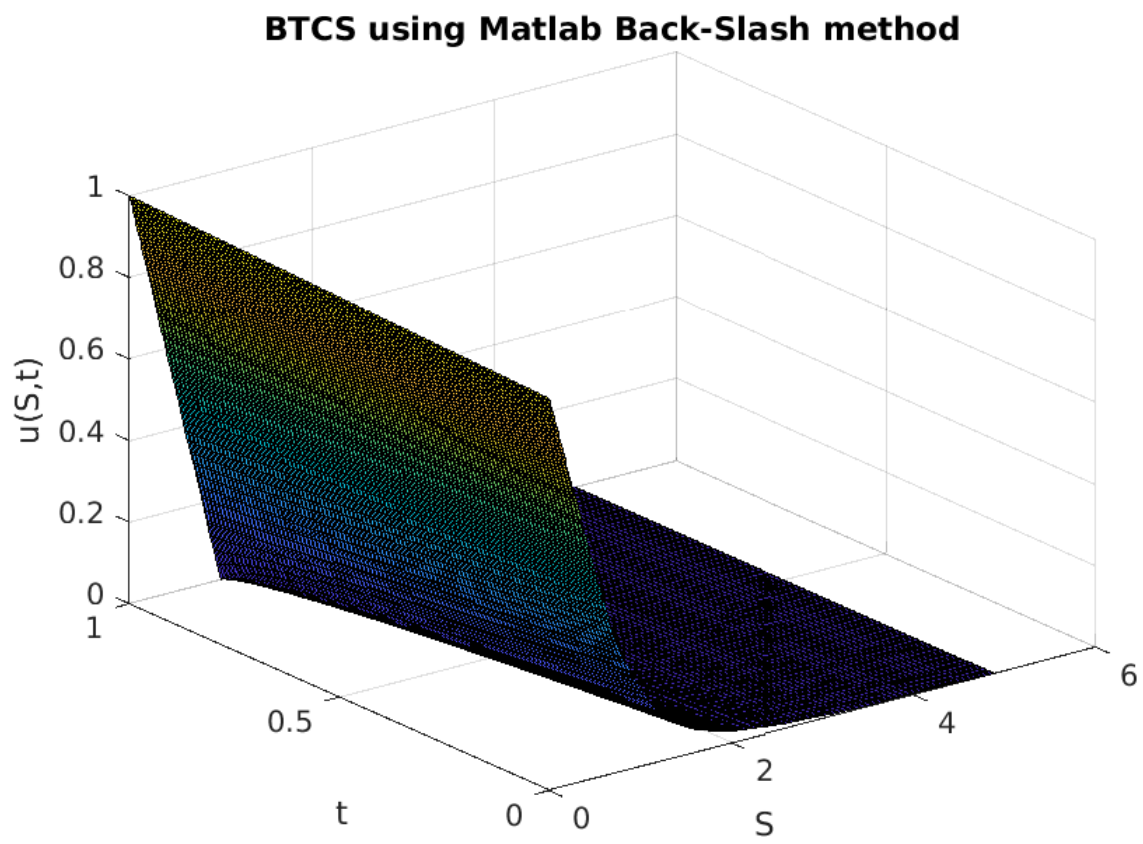


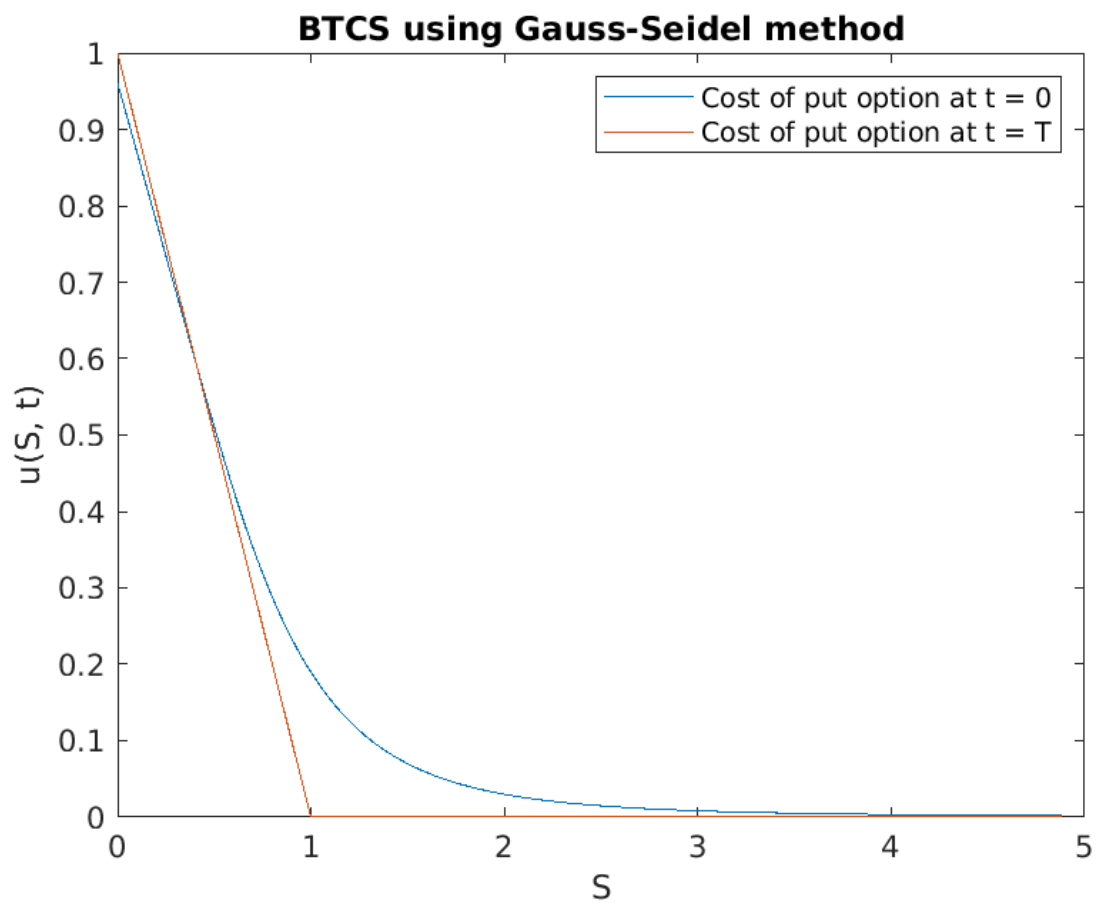
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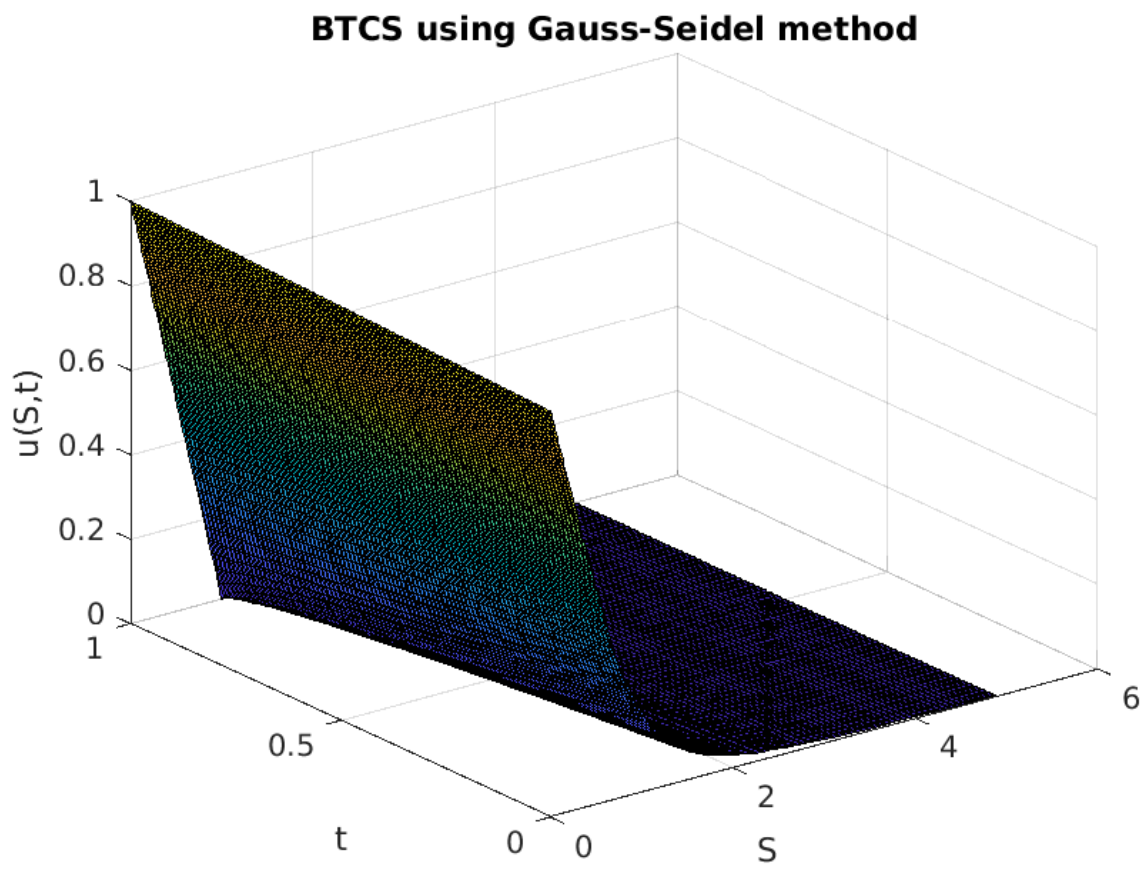


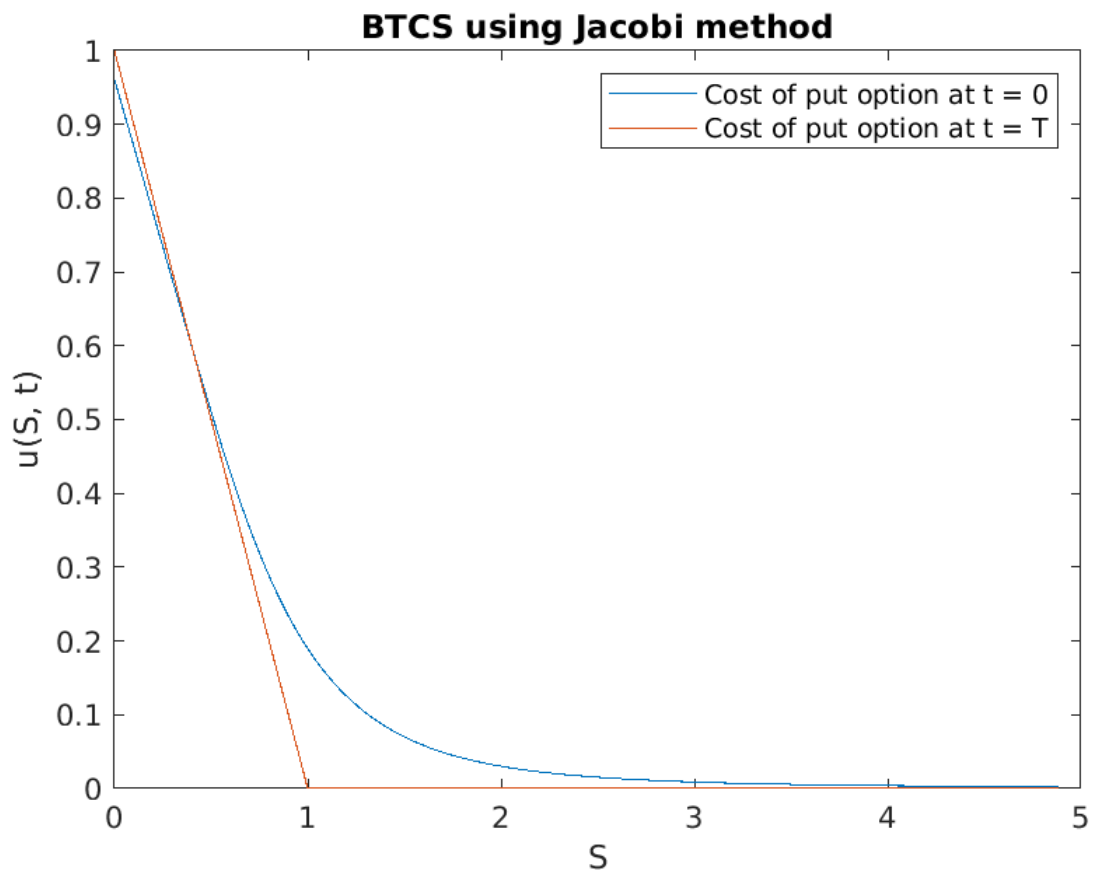


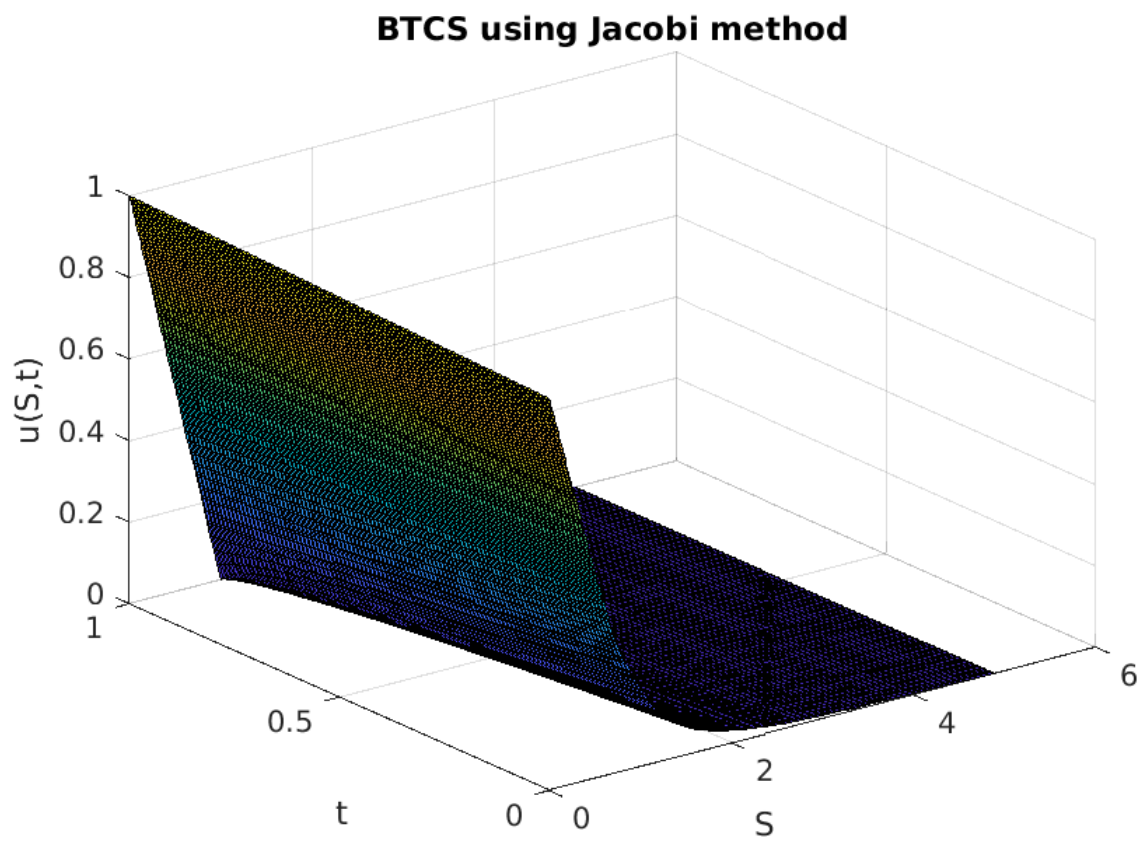


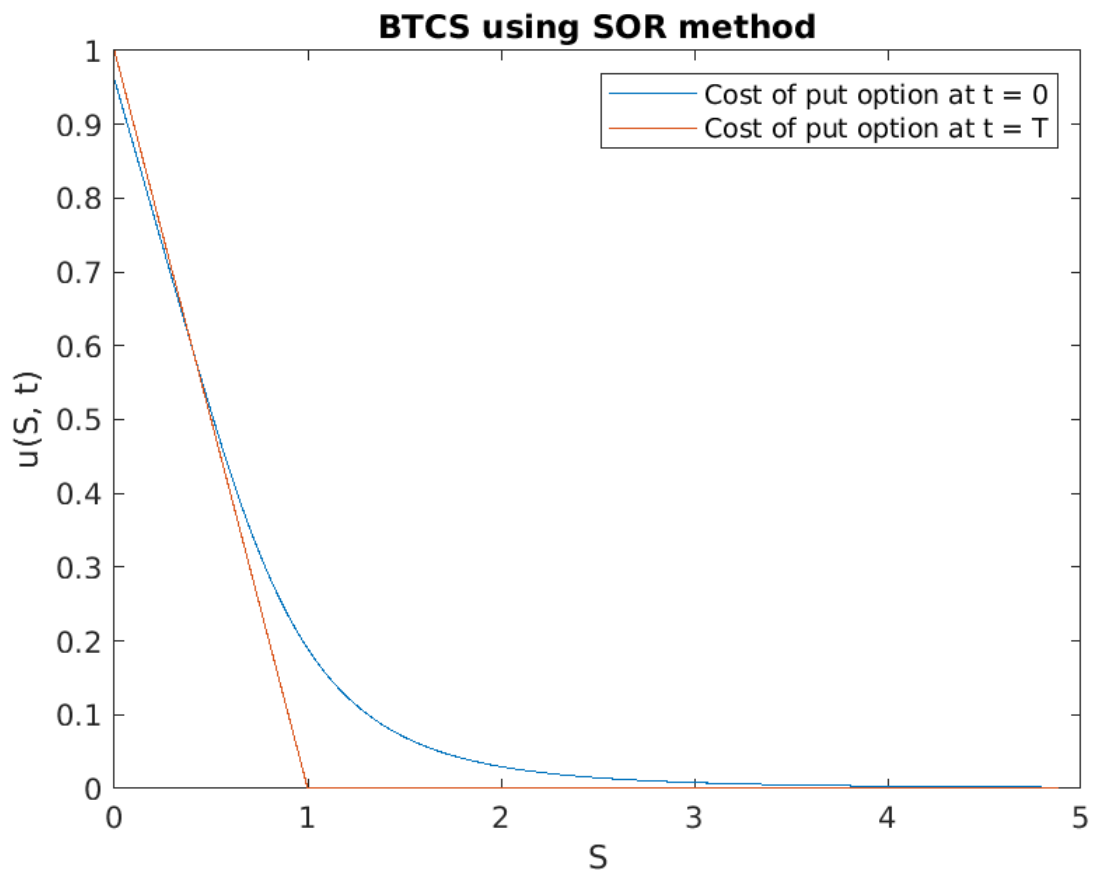


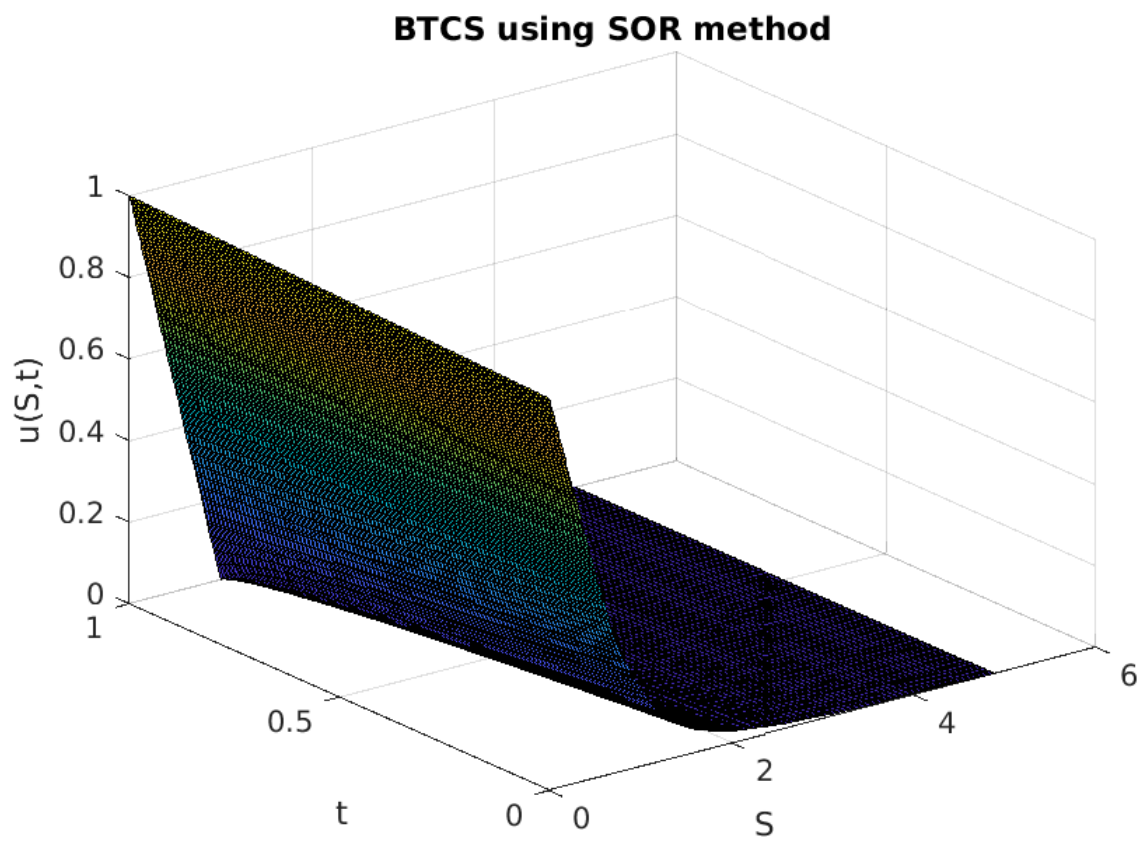


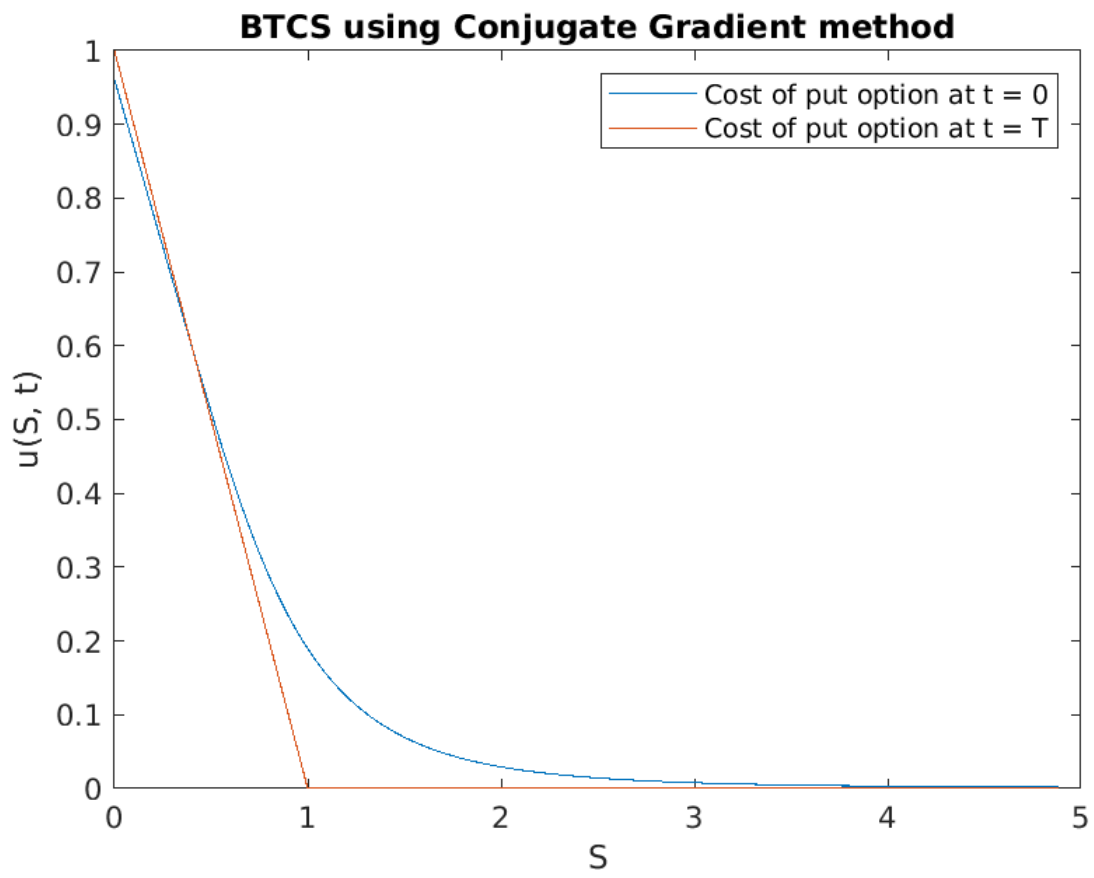


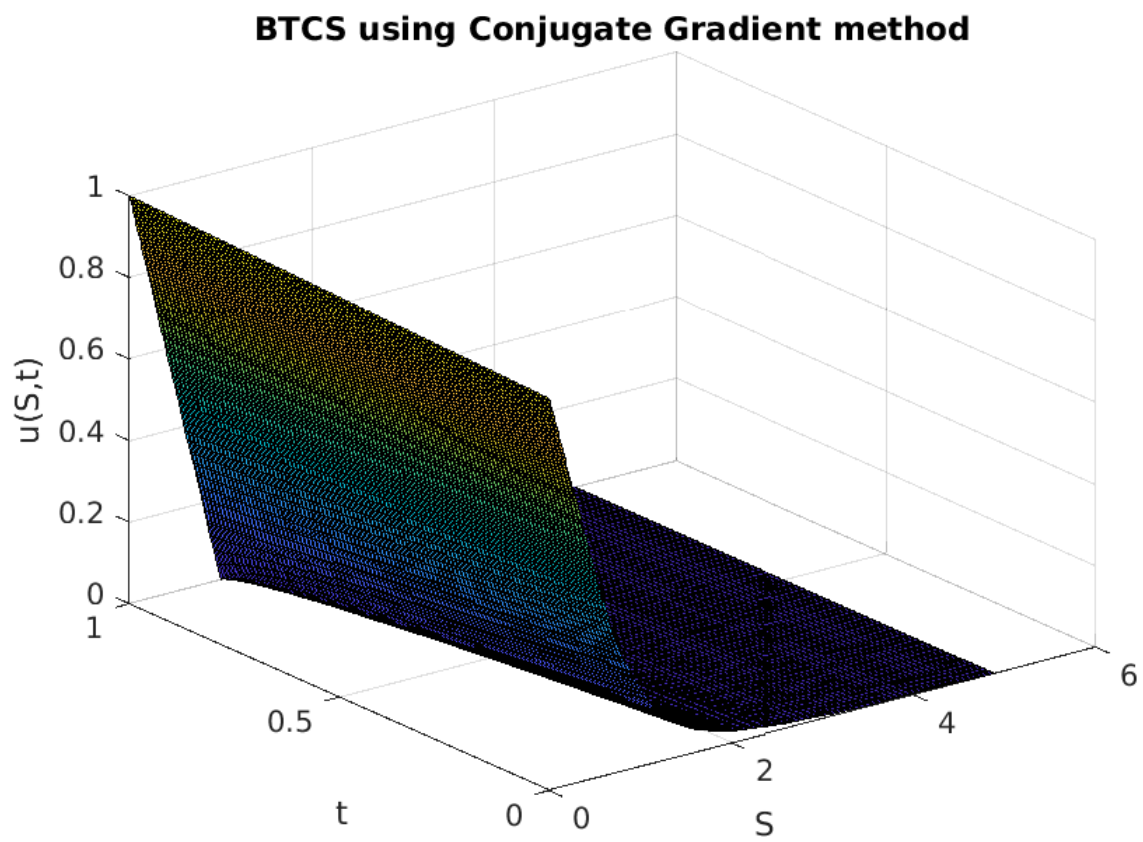


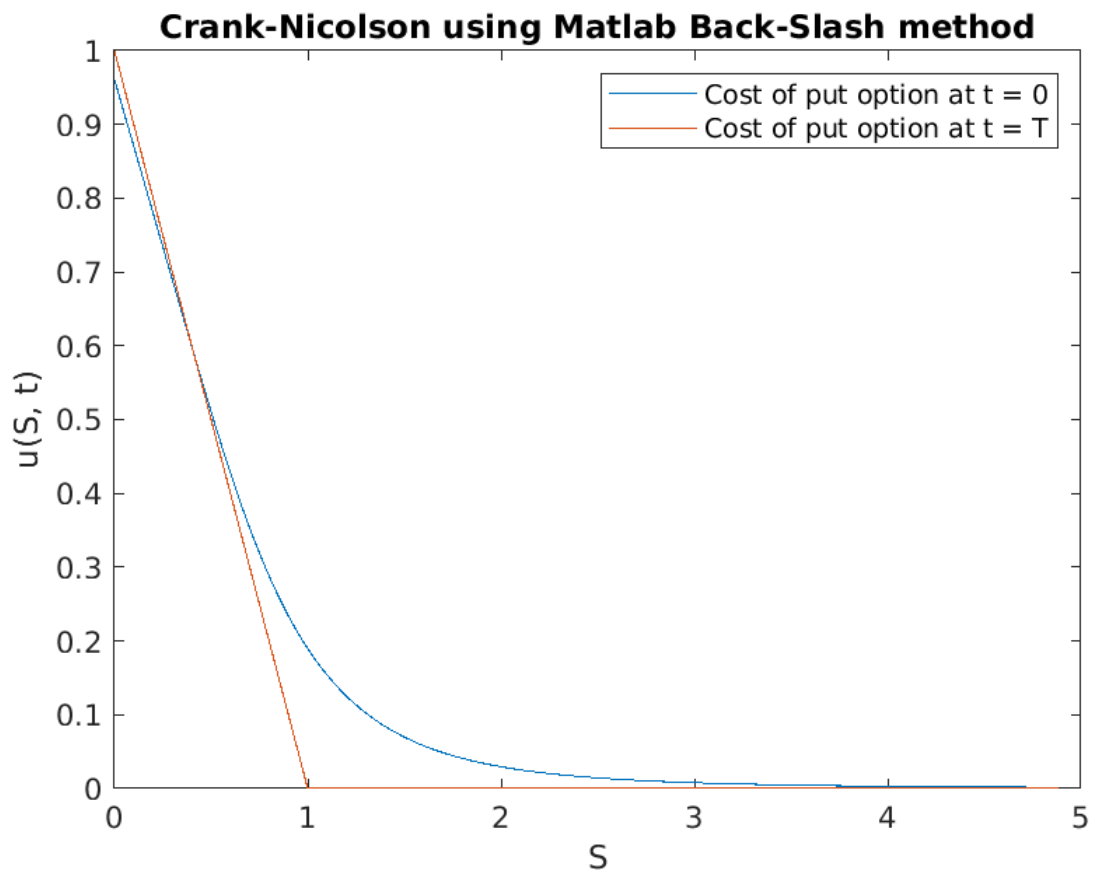




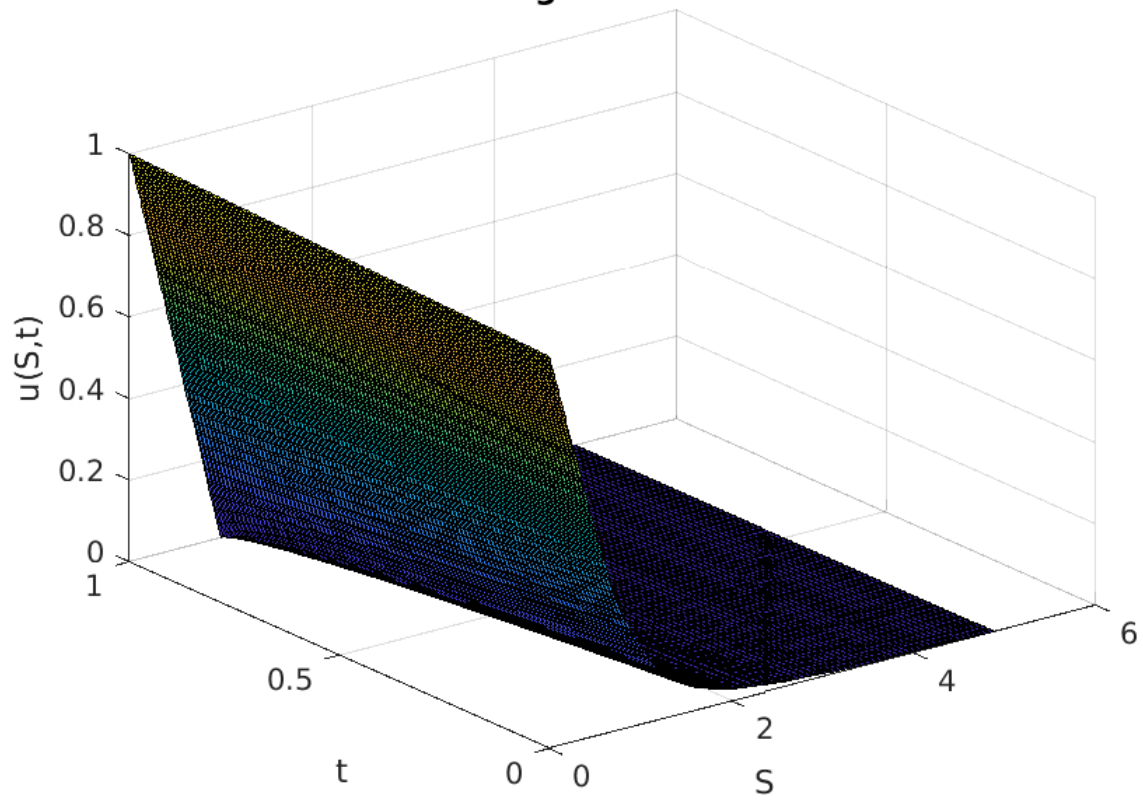


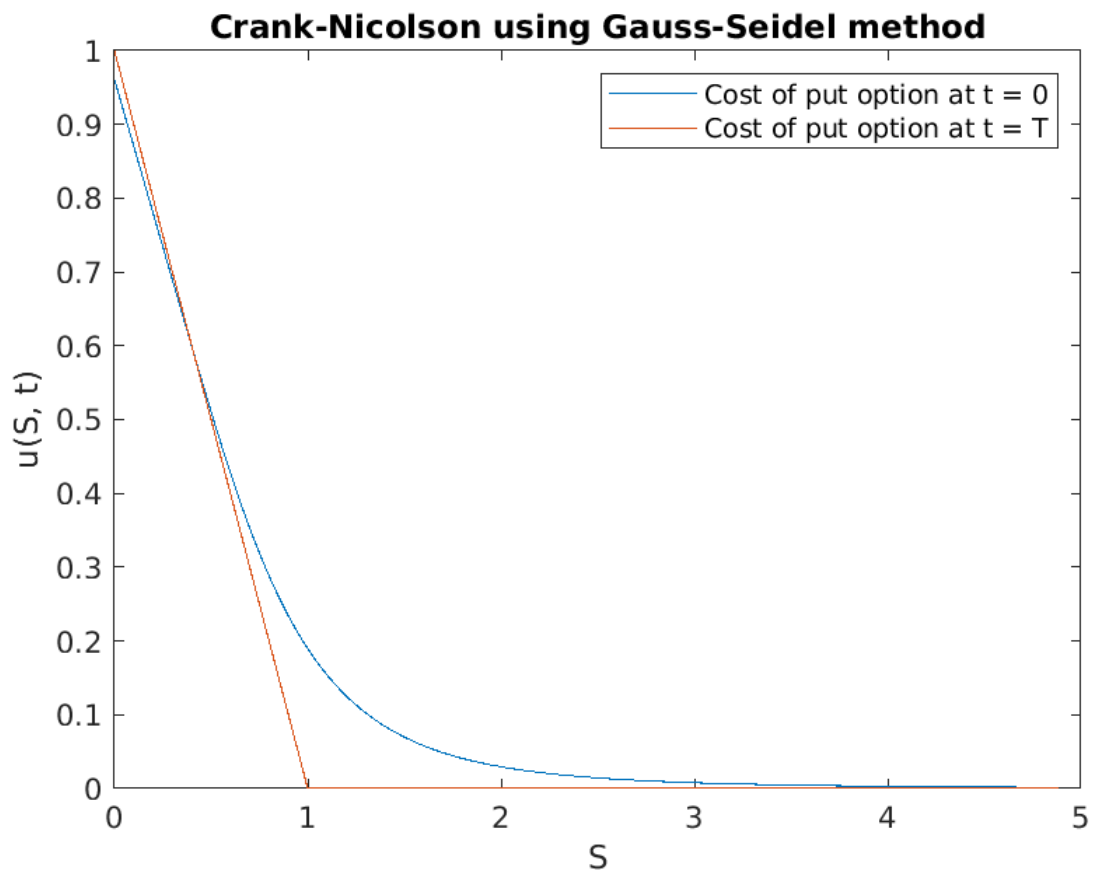




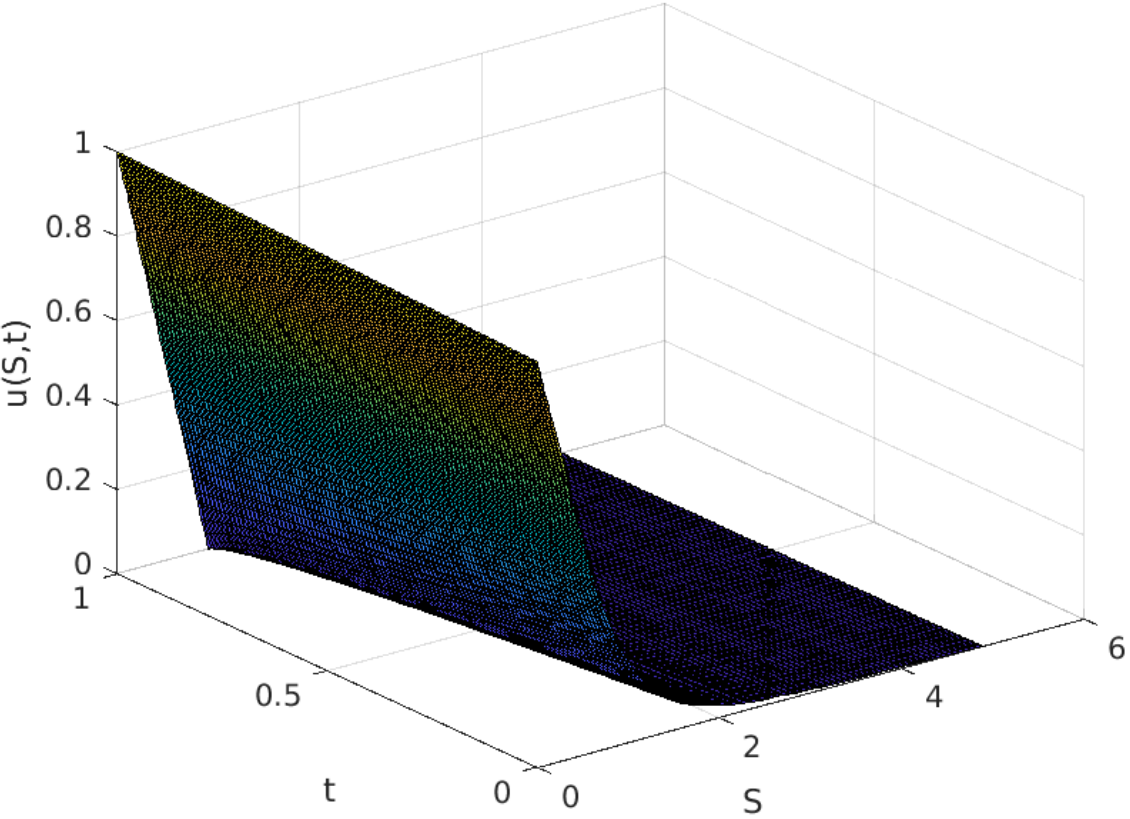


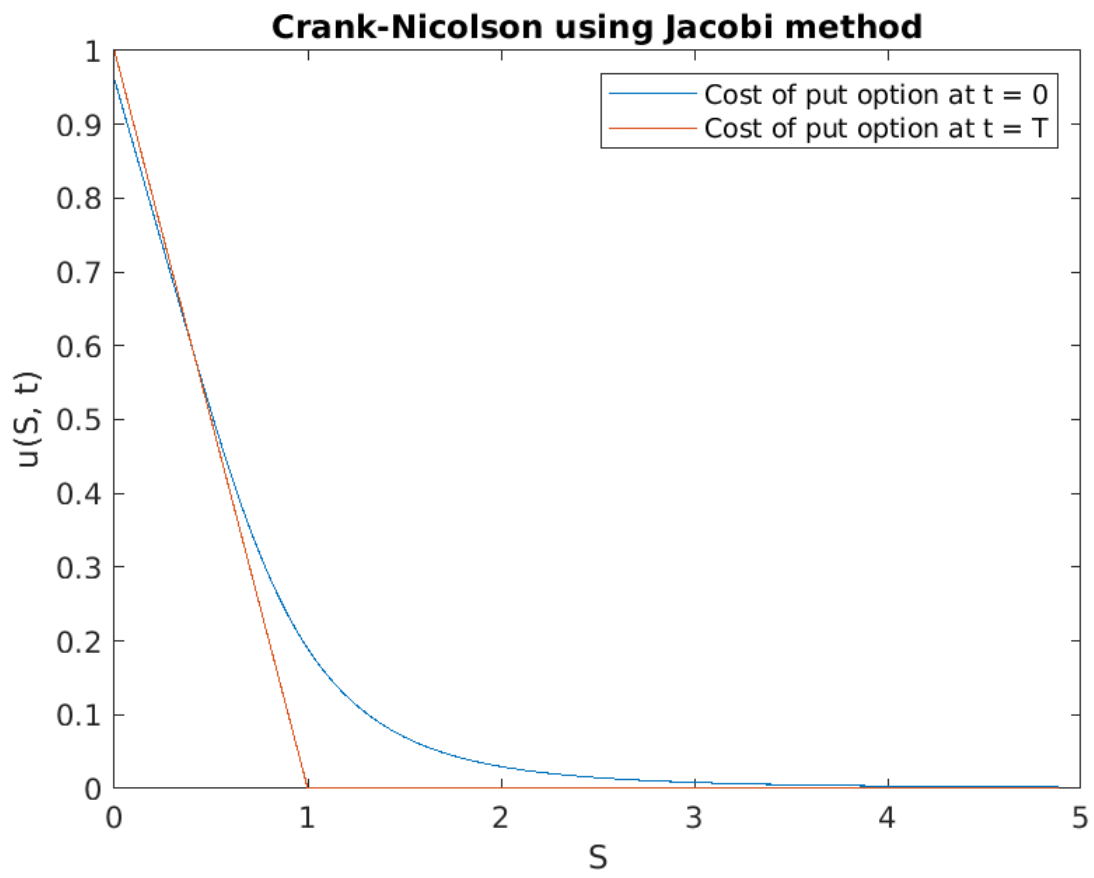
Crank-Nicolson using Matlab Back-Slash method

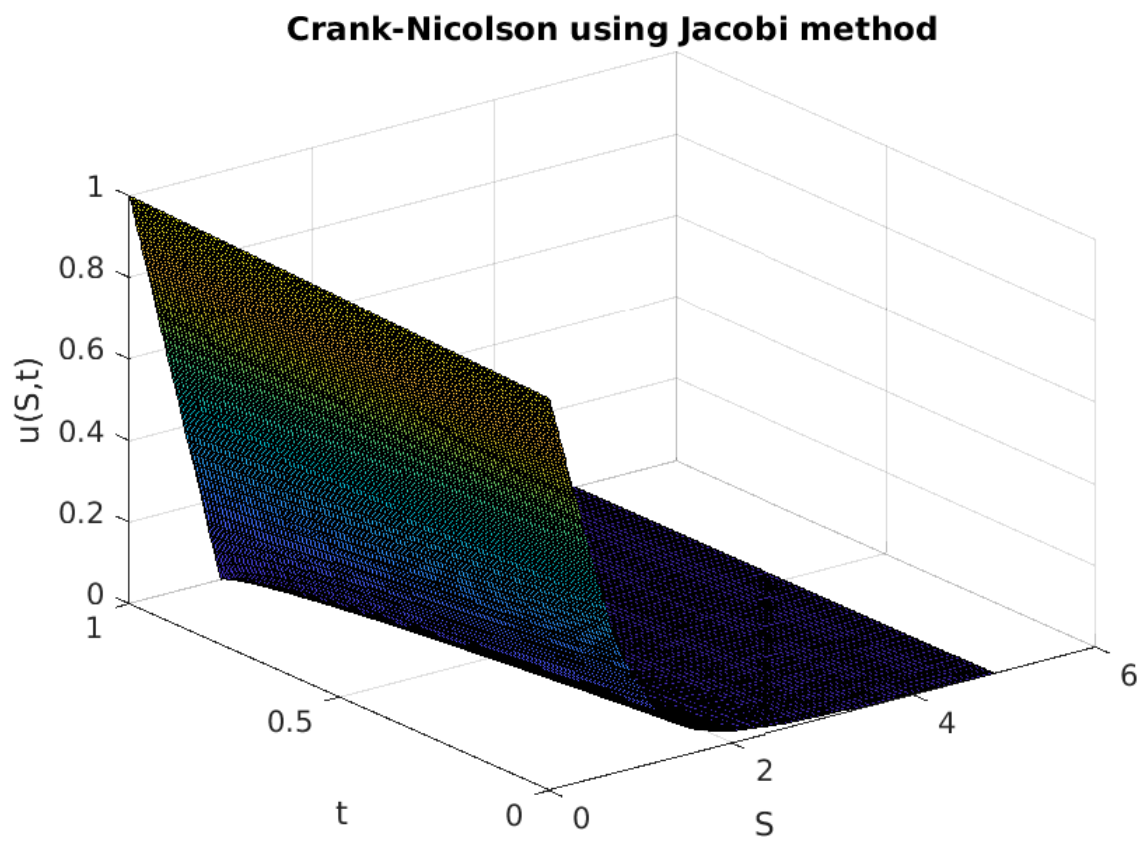


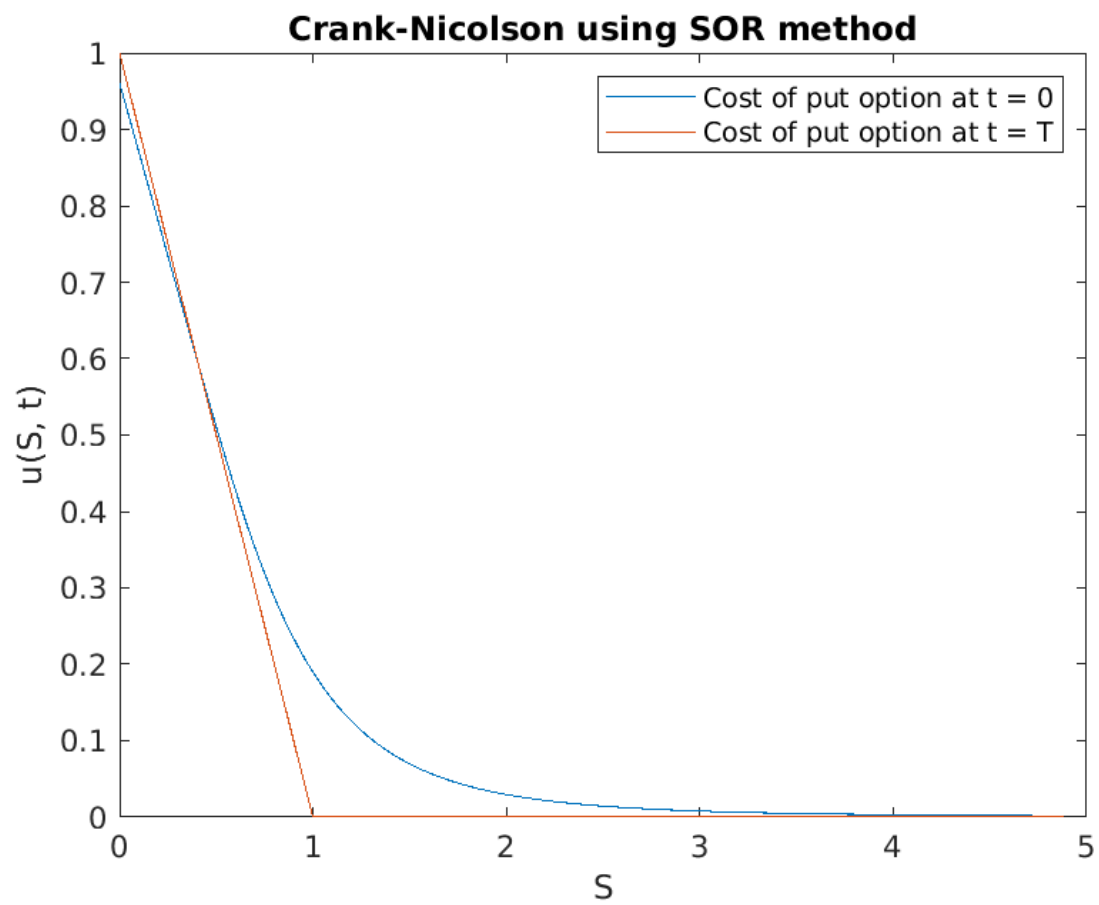


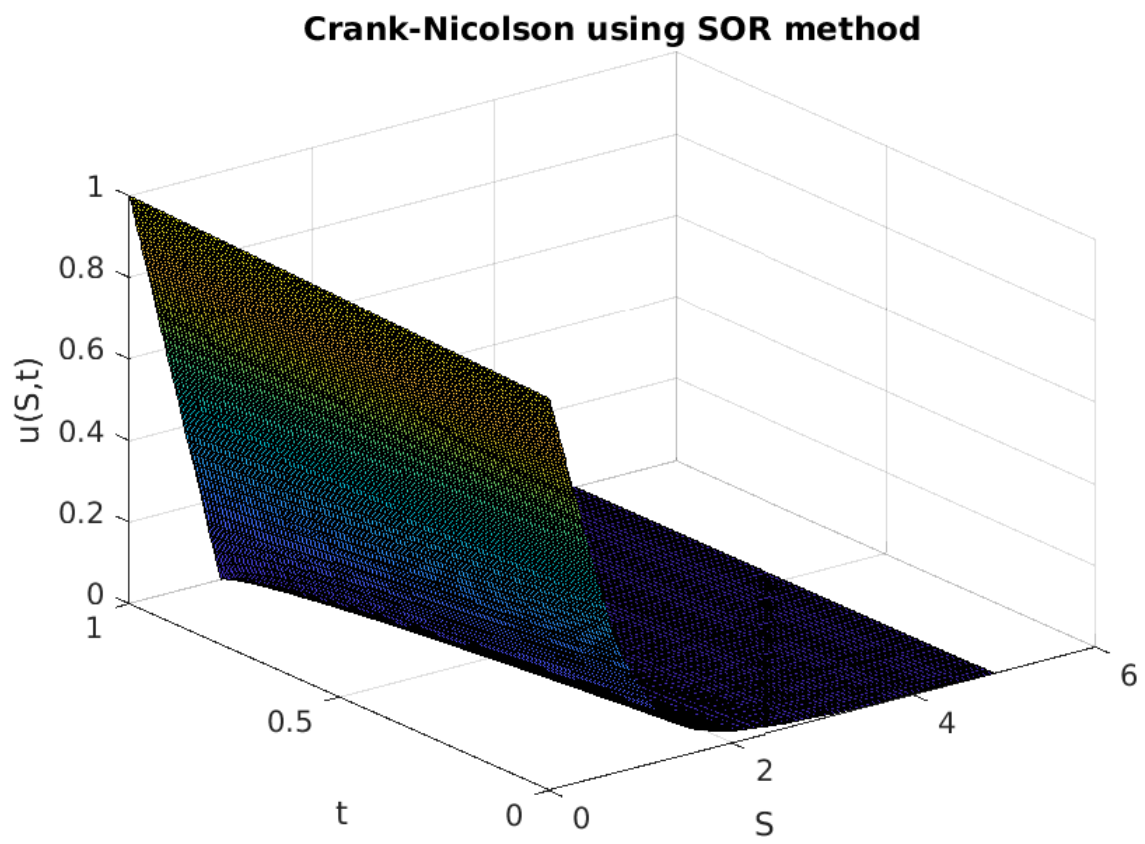
Crank-Nicolson using Gauss-Seidel method

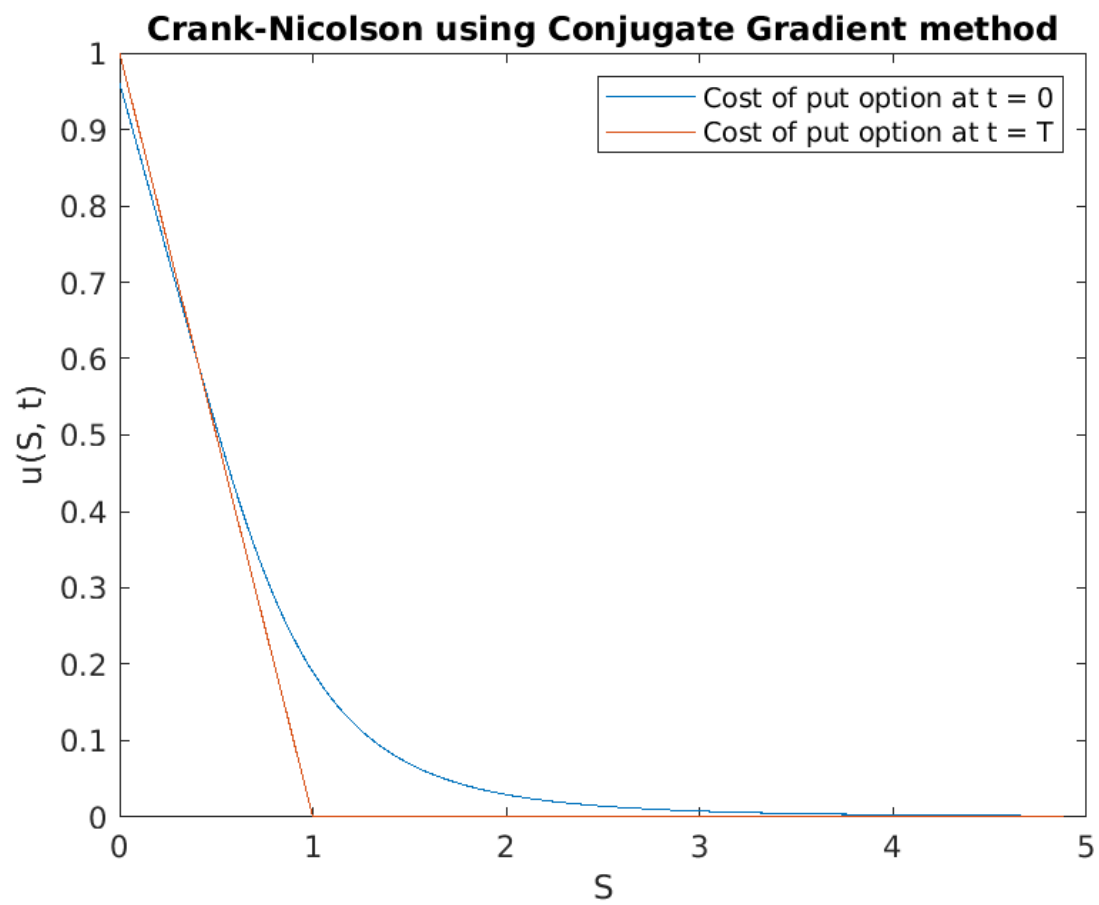












Crank-Nicolson using Conjugate Gradient method

