



भारतीय प्रौद्योगिकी संस्थान गुवाहाटी
INDIAN INSTITUTE OF TECHNOLOGY GUWAHATI

MA 473: Computational Finance Lab

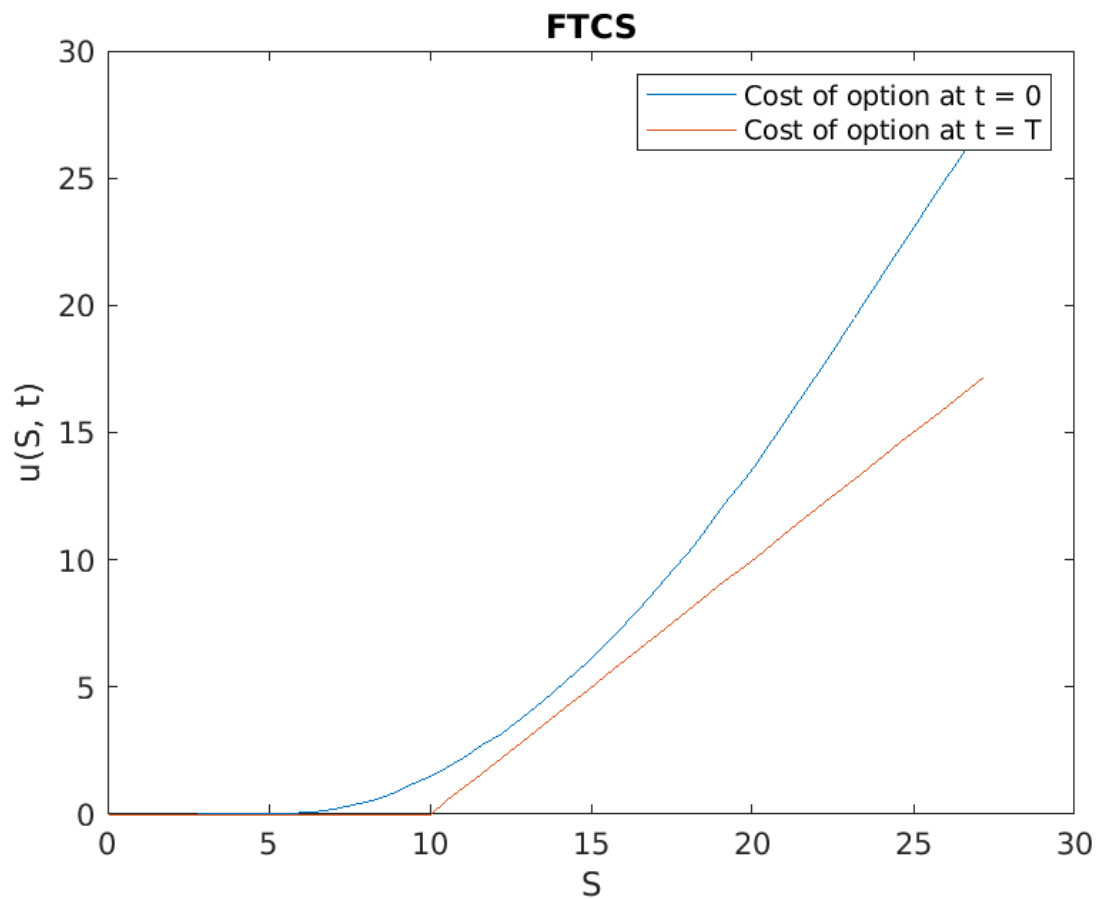
Lab 02

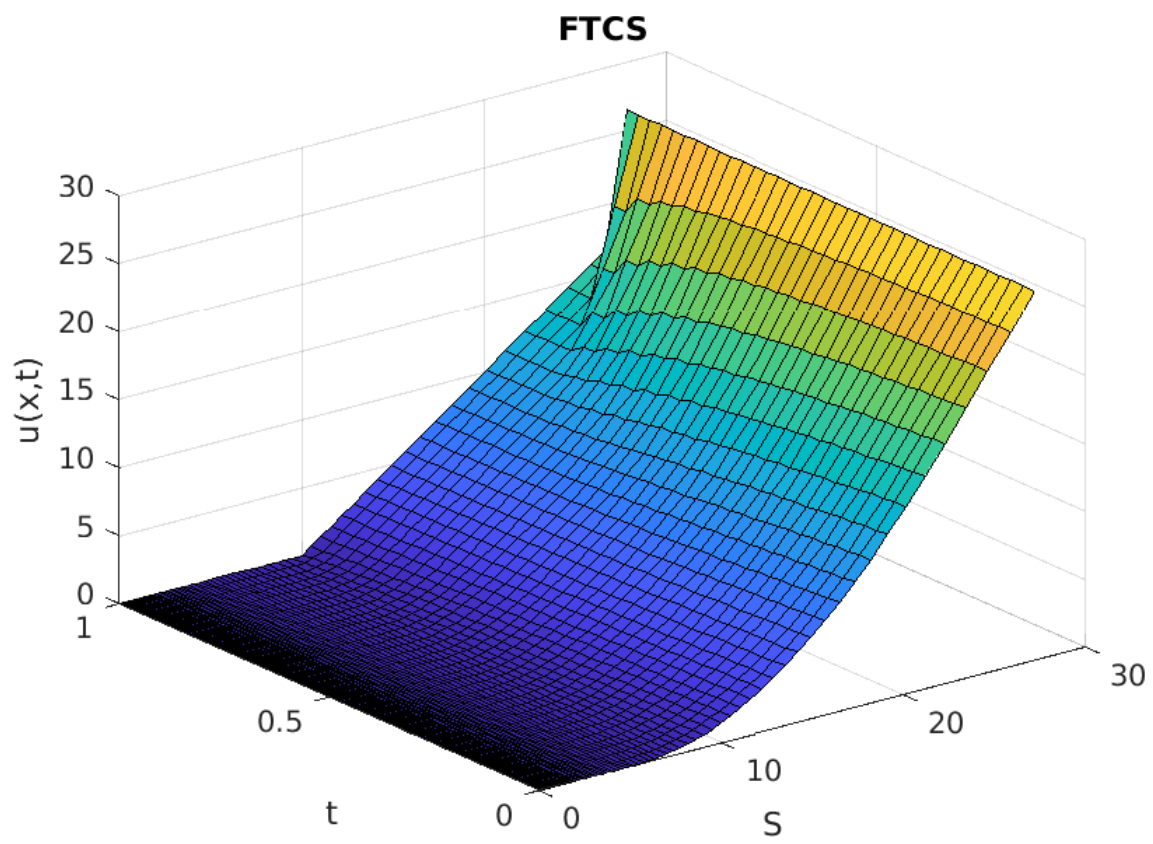
AB Satyaprakash (180123062)

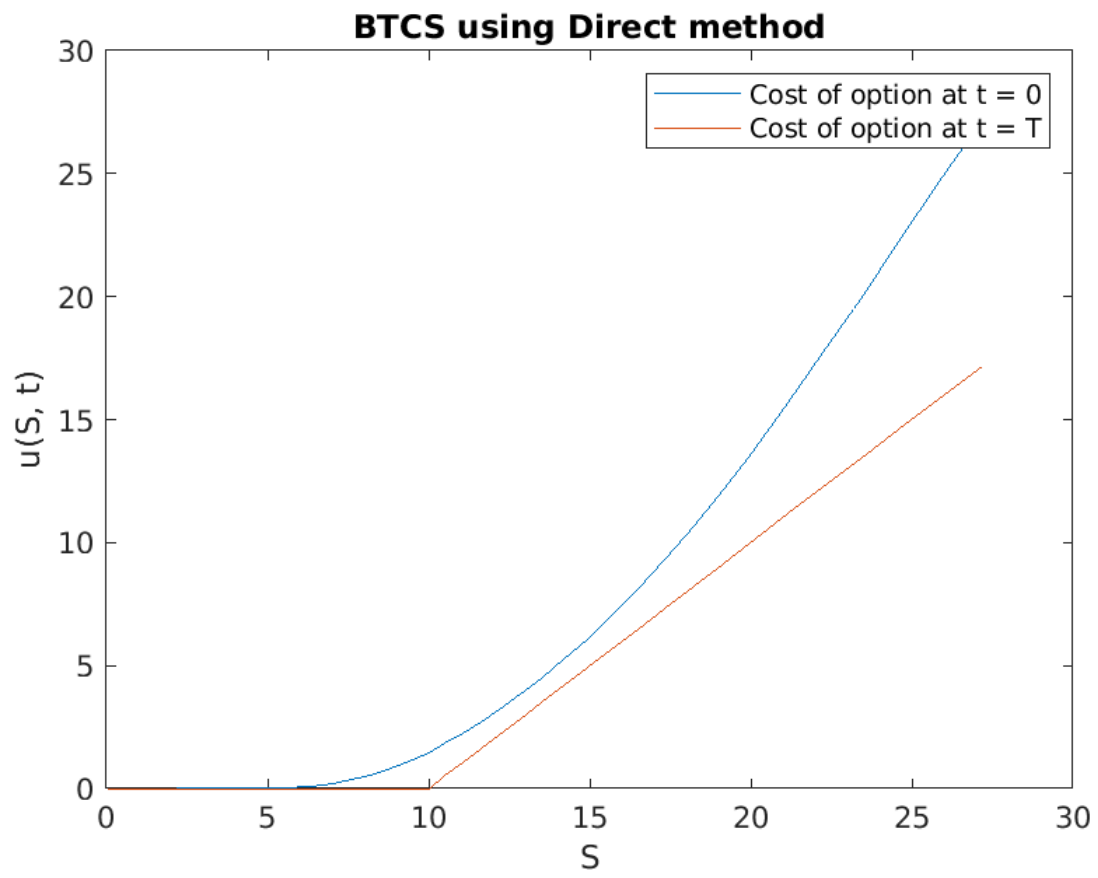
22 Aug 2021

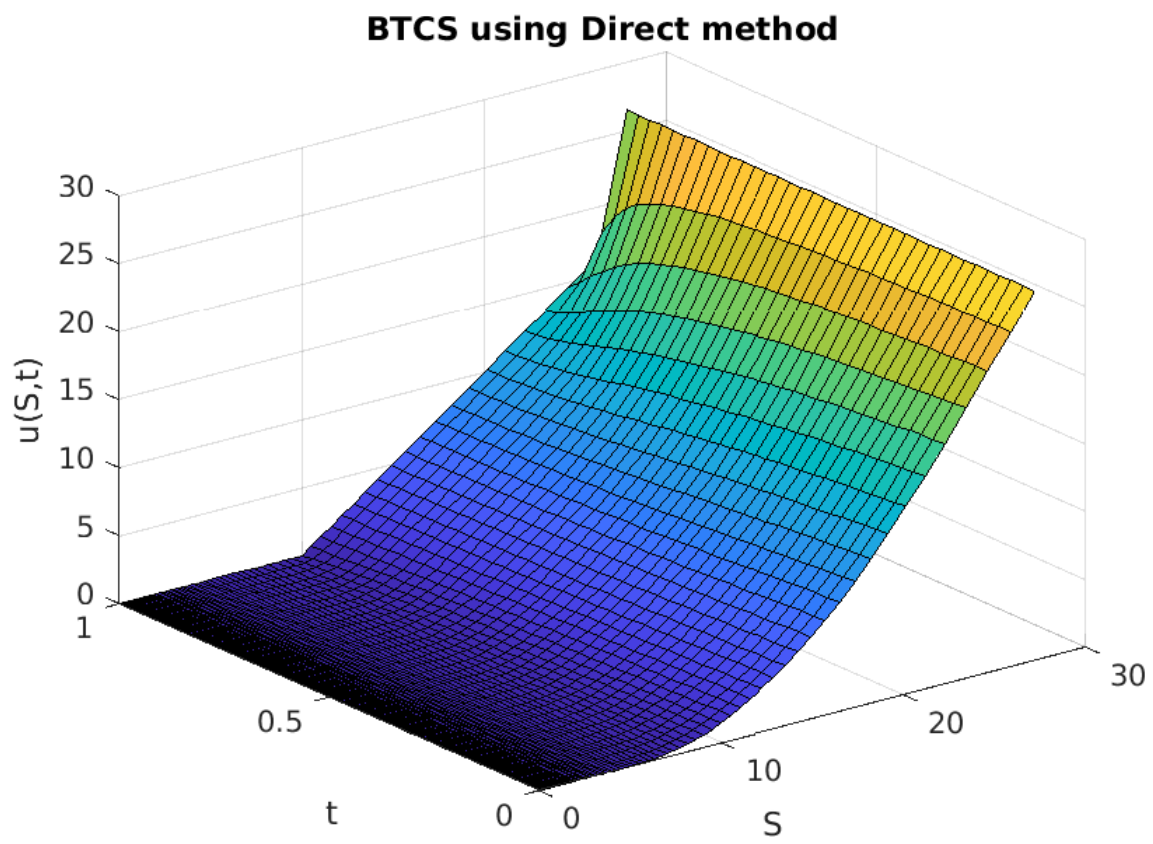
NB. For extreme values of S (or x) the error in the plots is mainly due to the error in computing the boundary condition because we don't have $x = \infty$ and $-\infty$ as required.

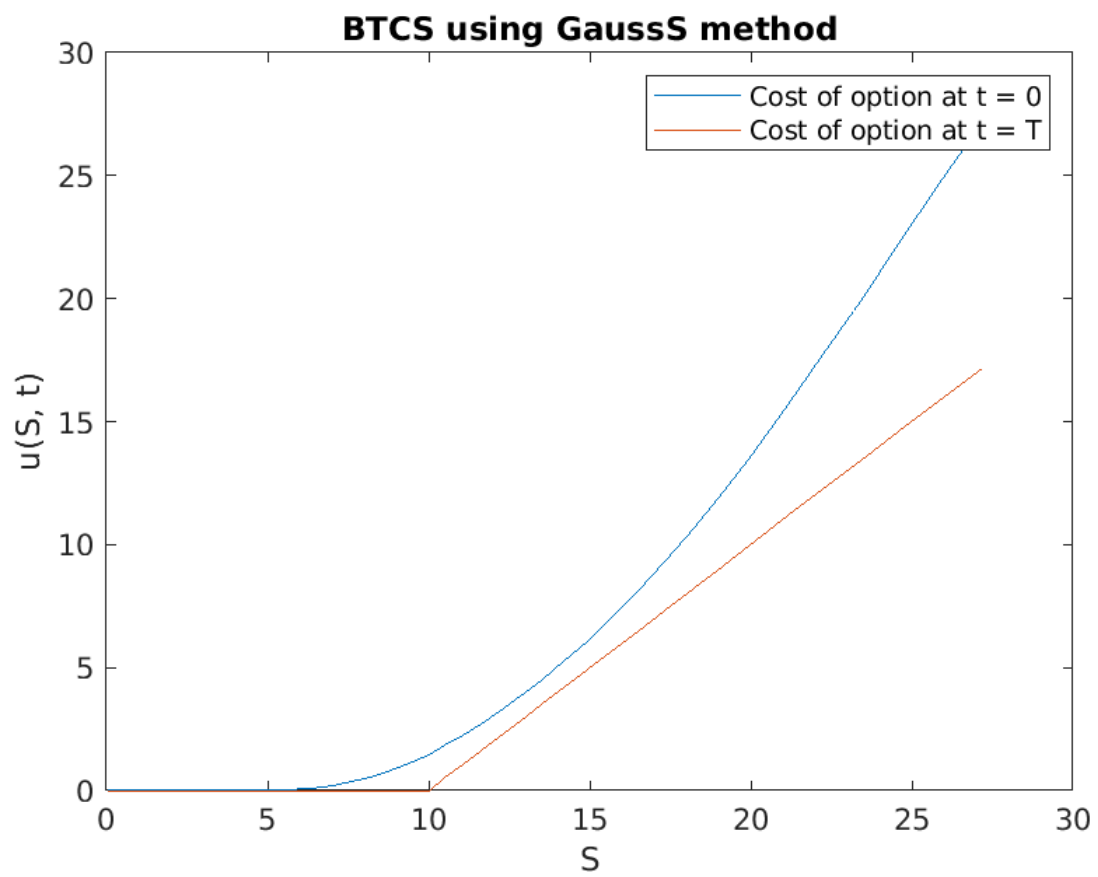
Question 01.

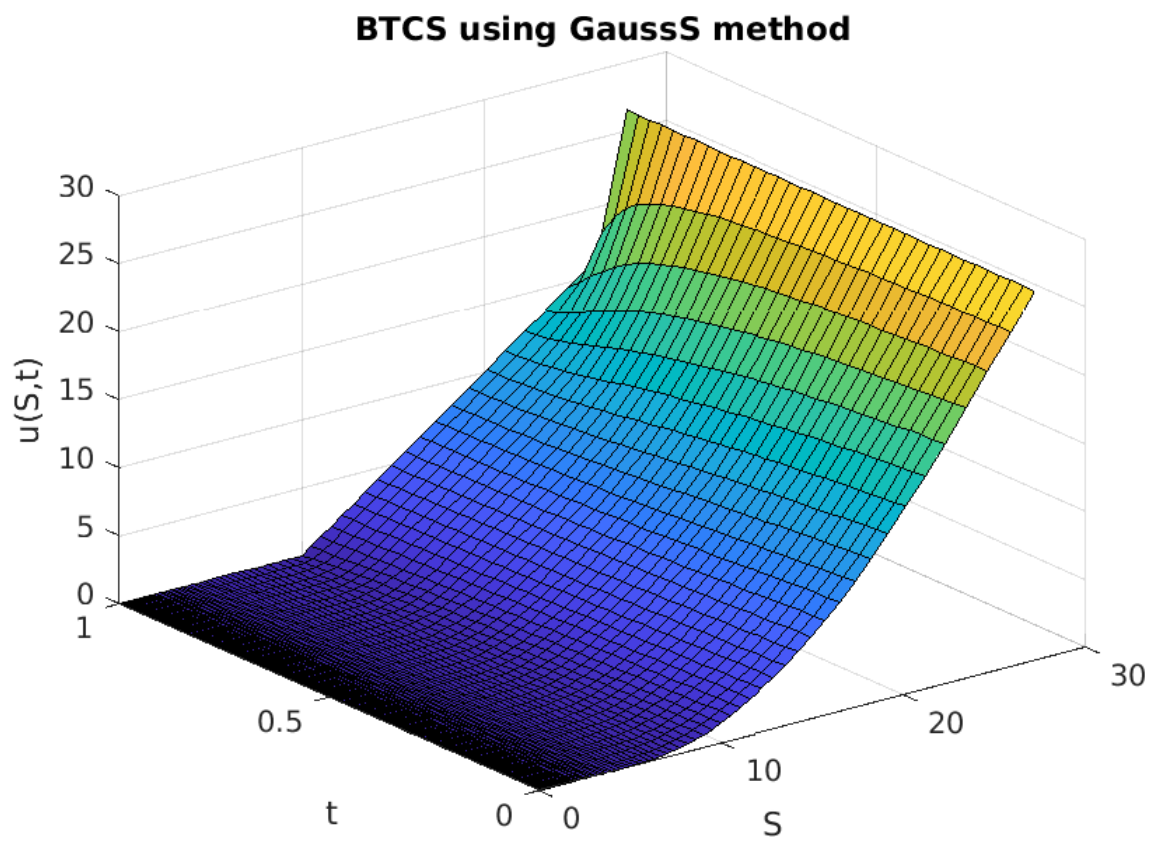


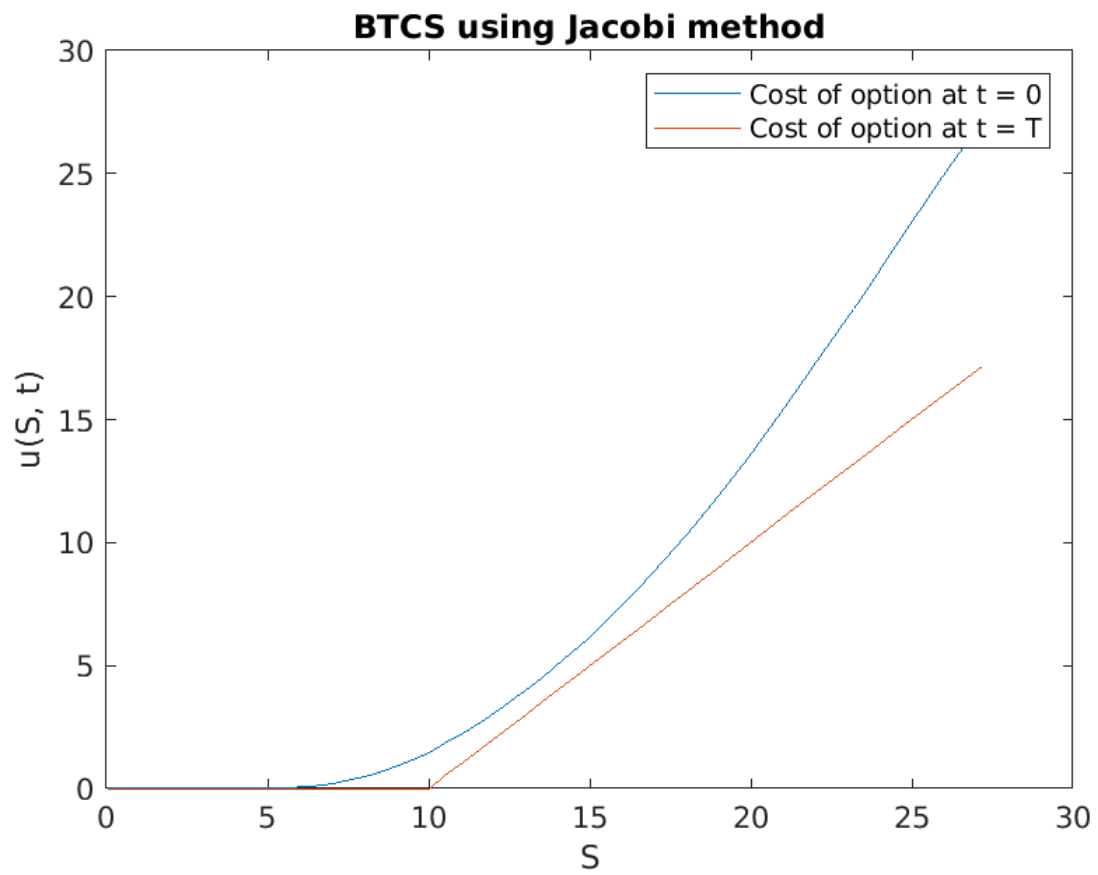


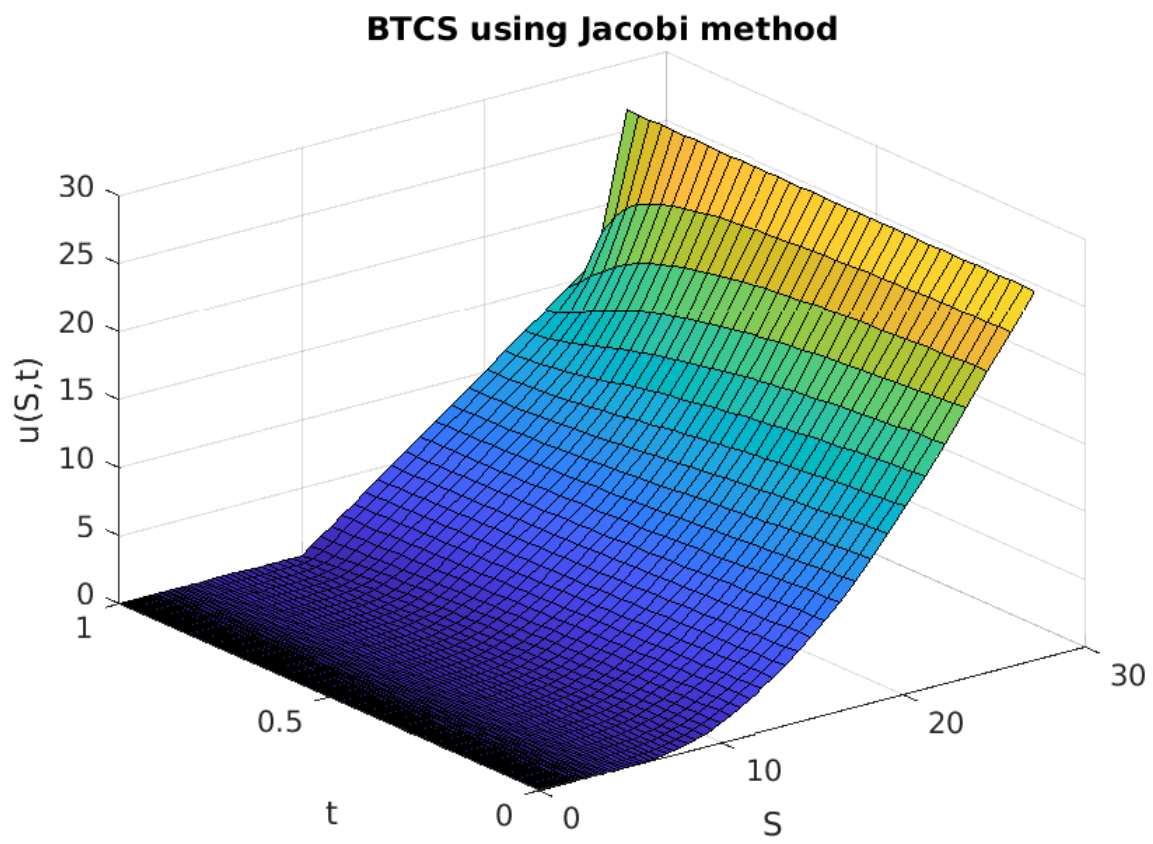


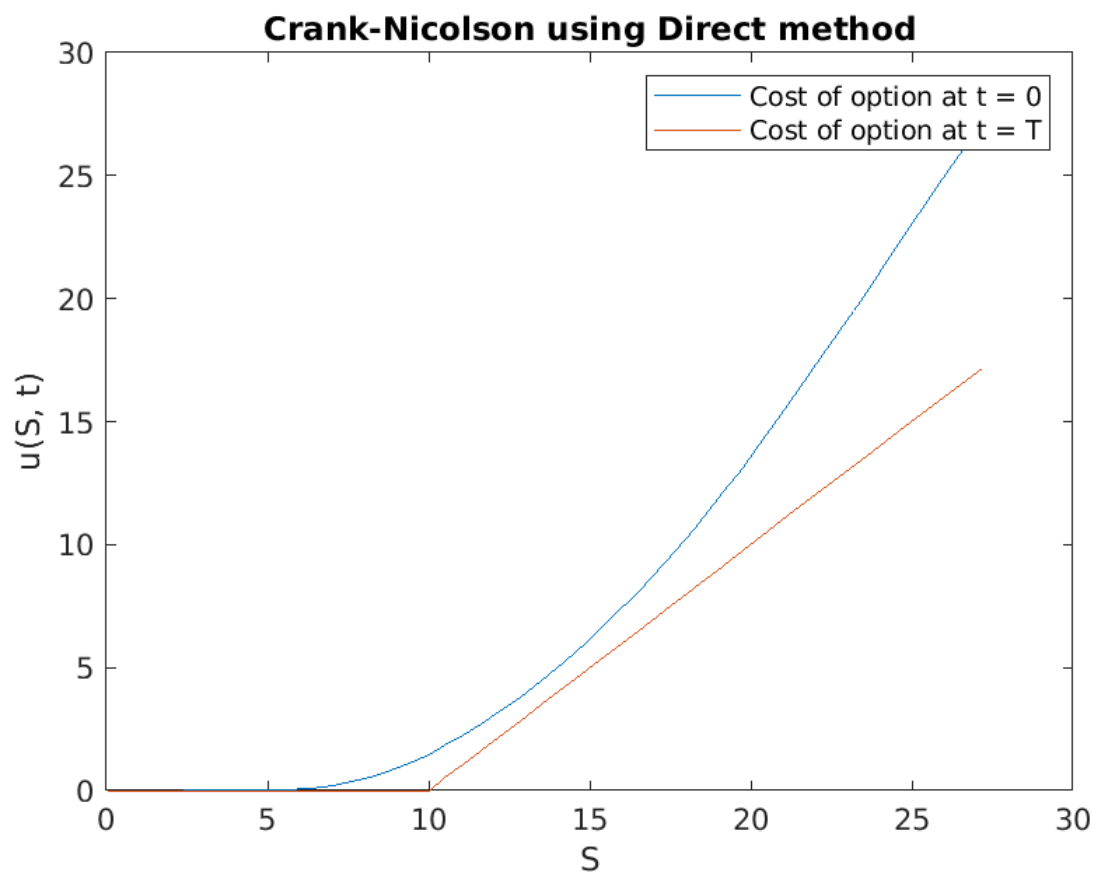


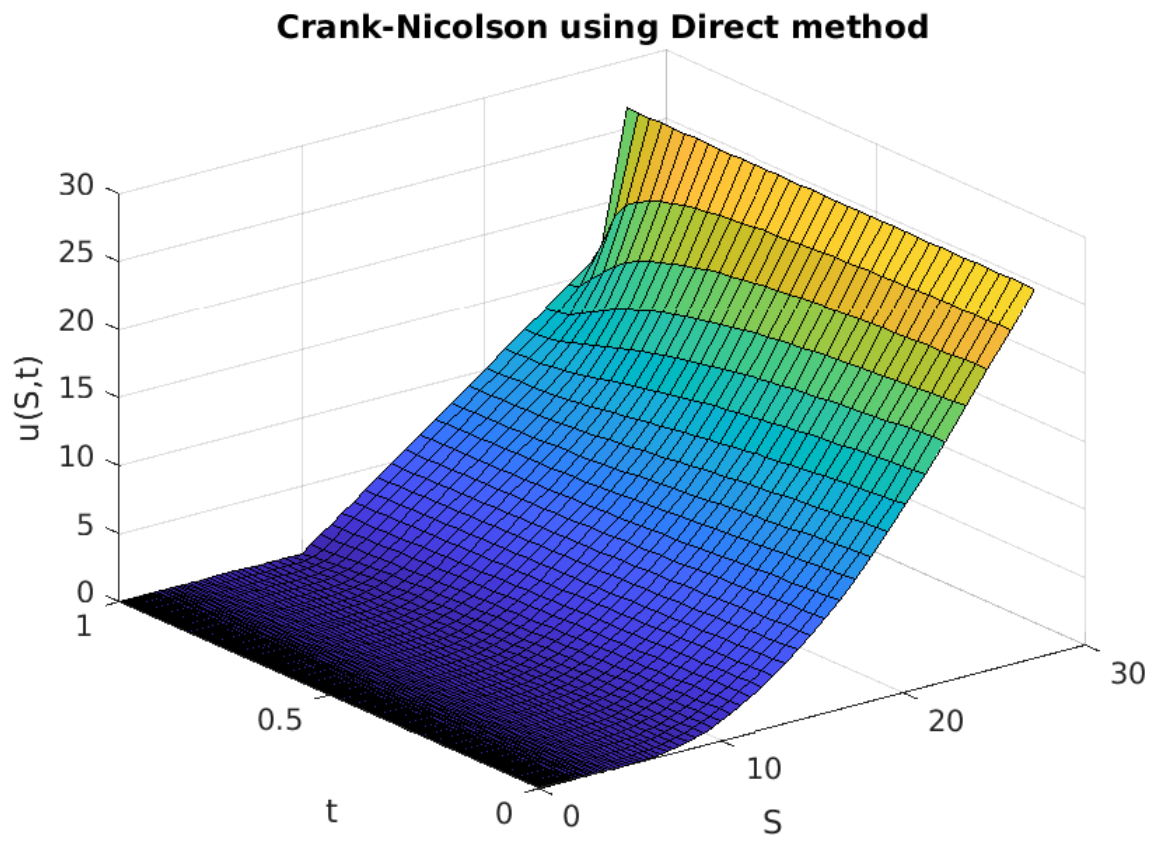


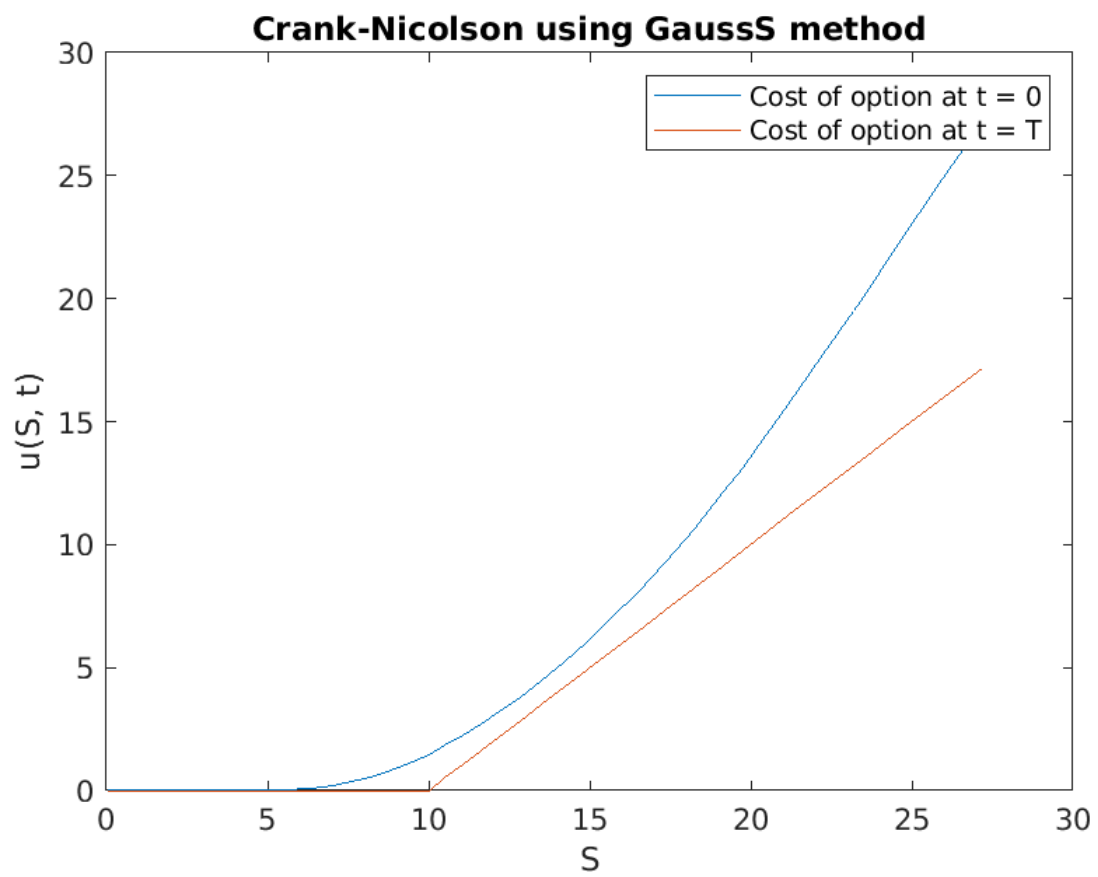


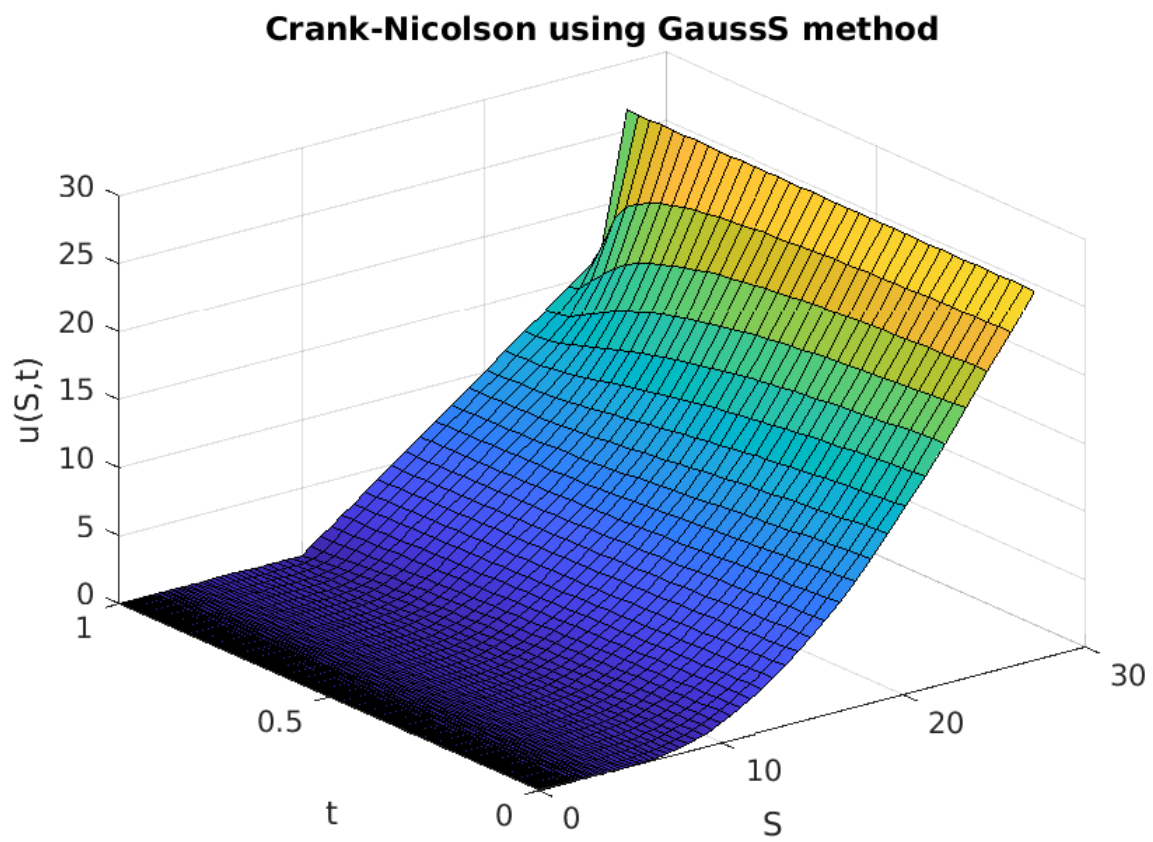


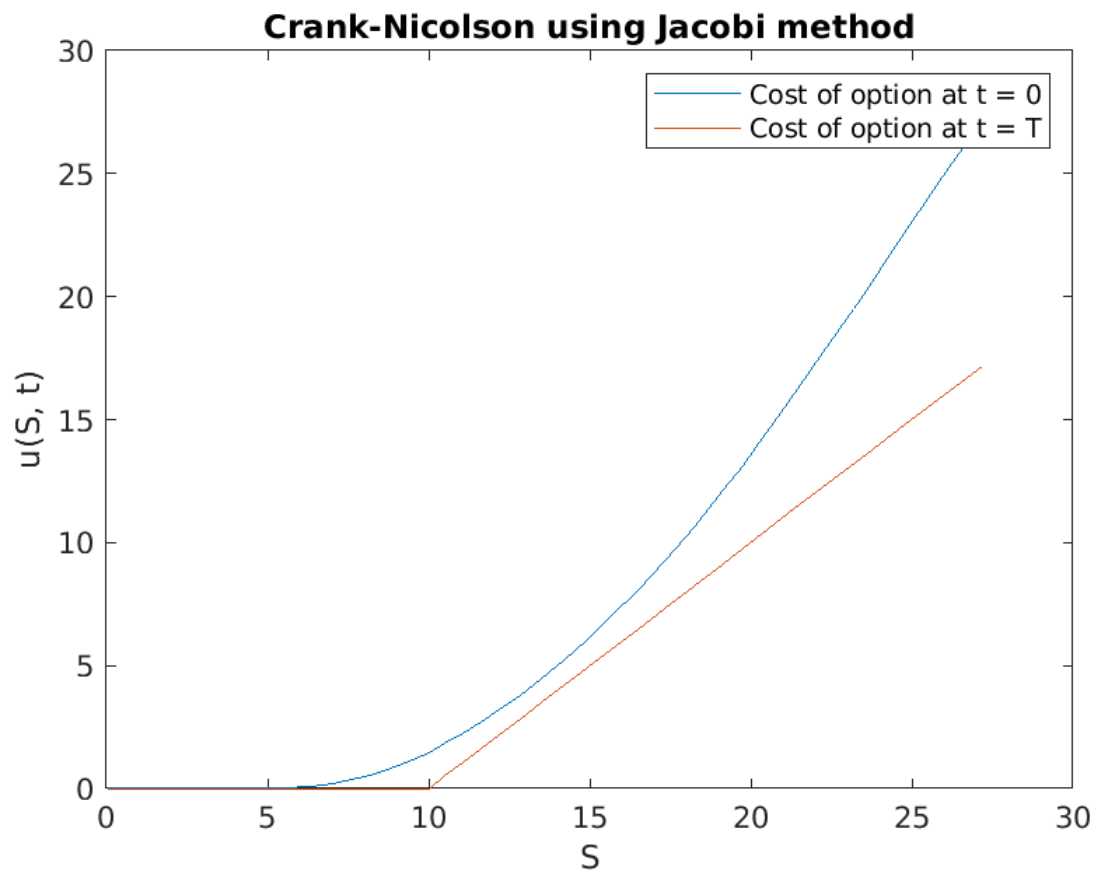


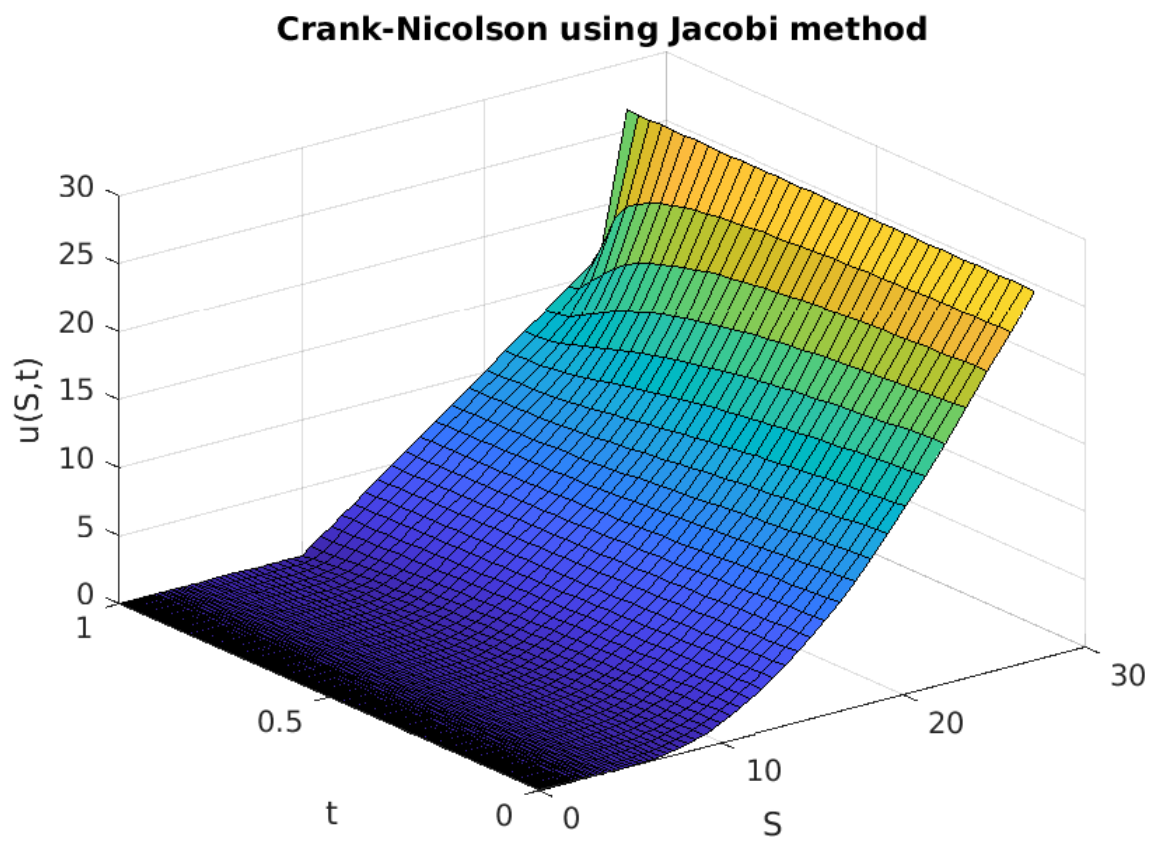












Question 02.

