

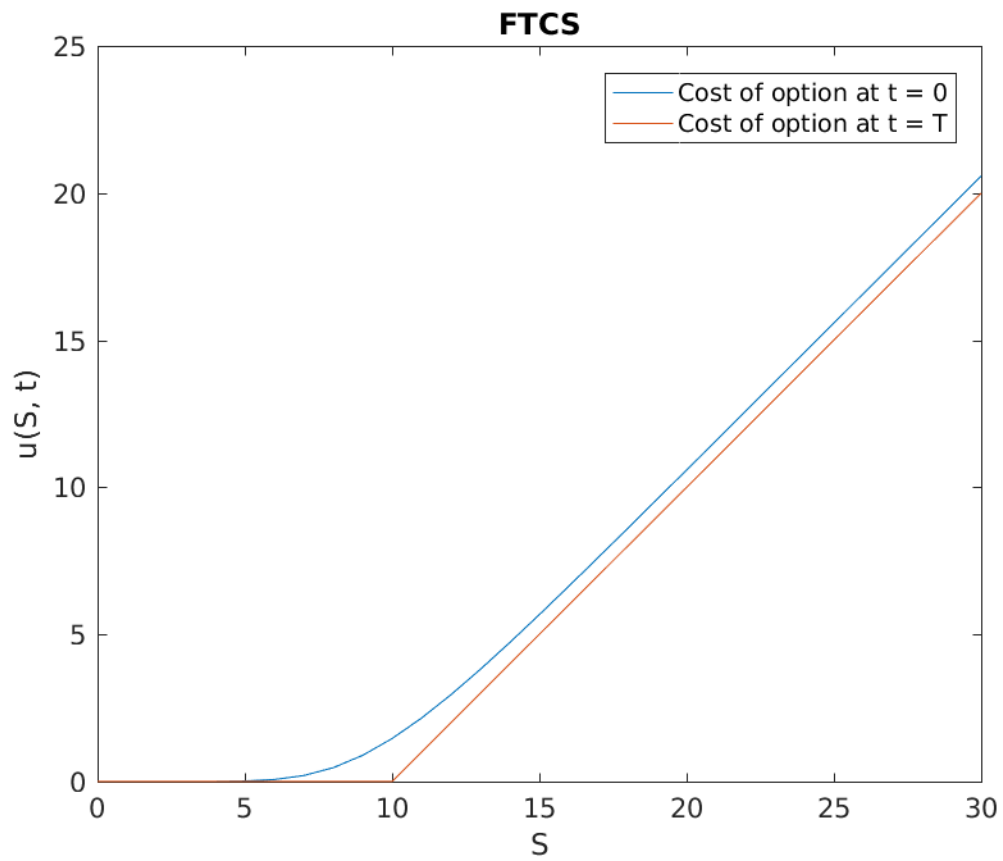
# Assignment-4

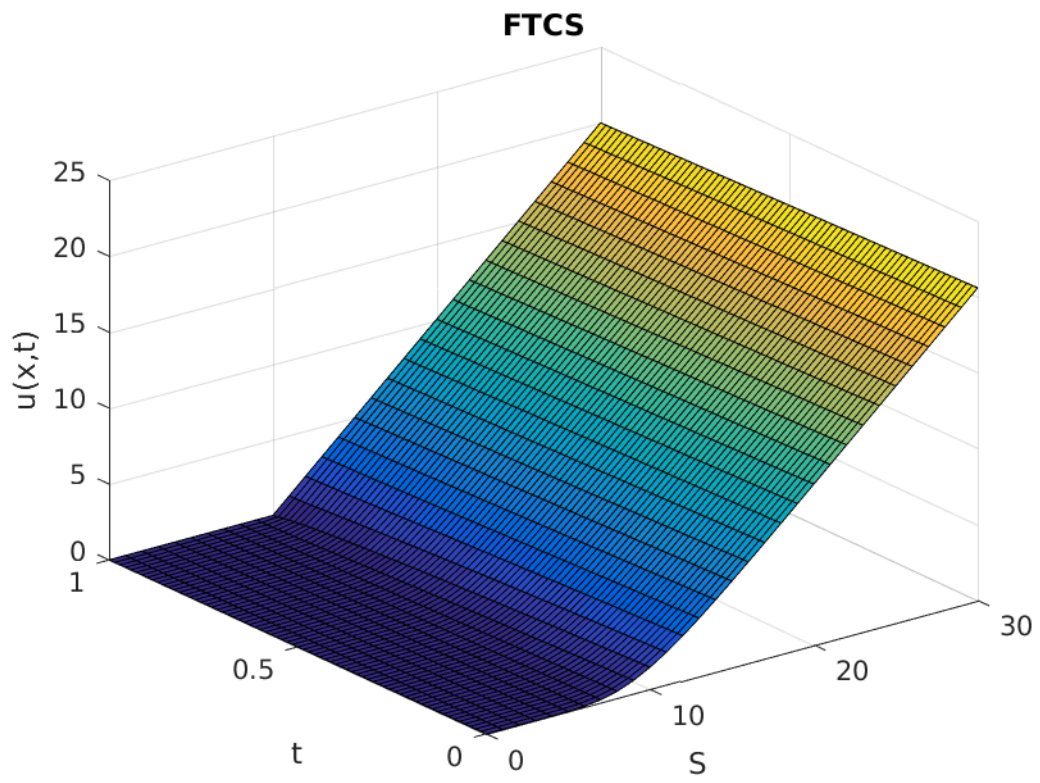
Abheek Ghosh

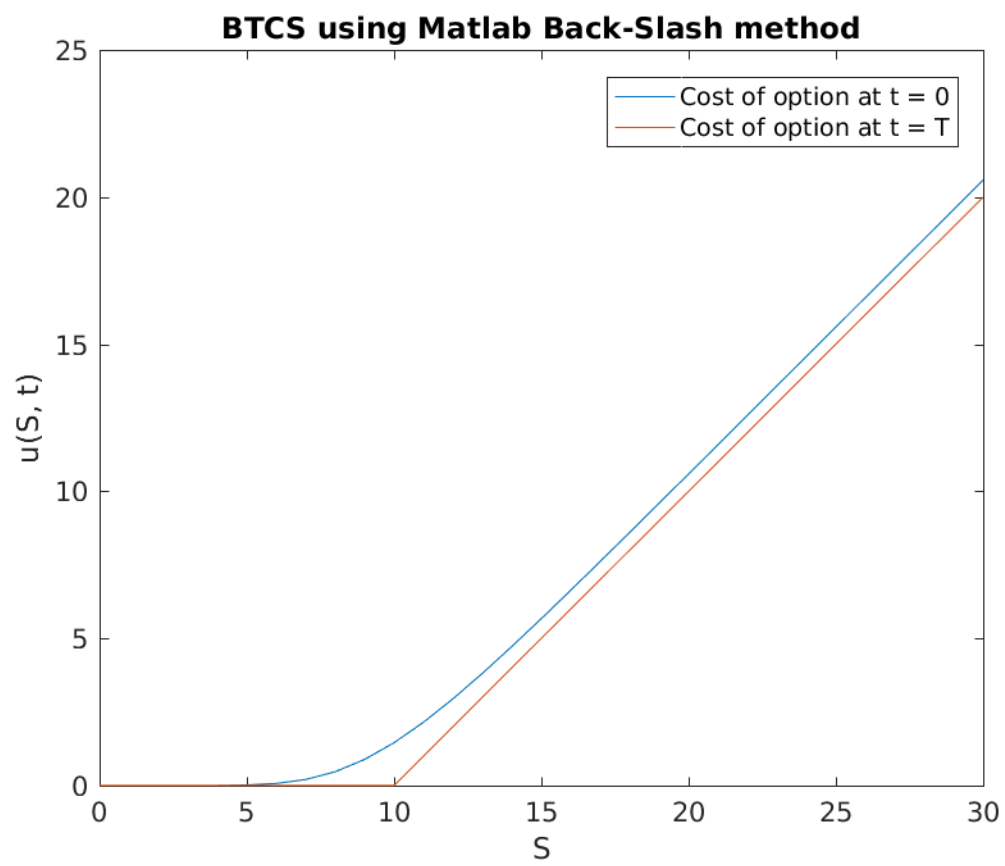
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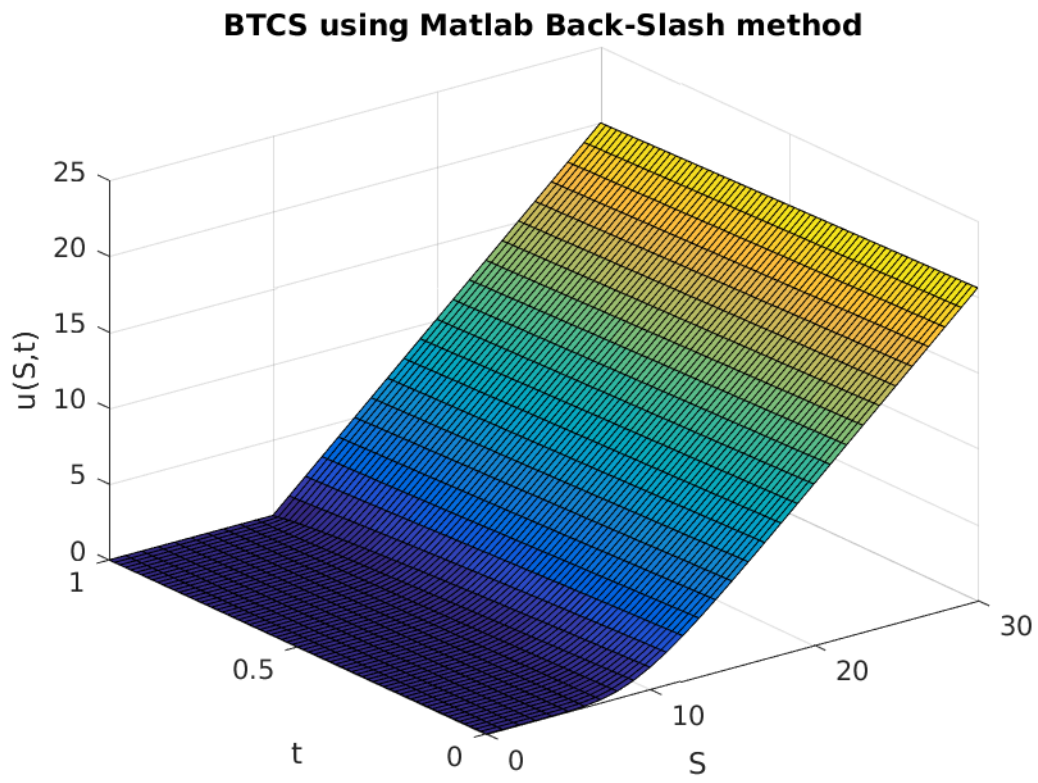
February 1, 2018

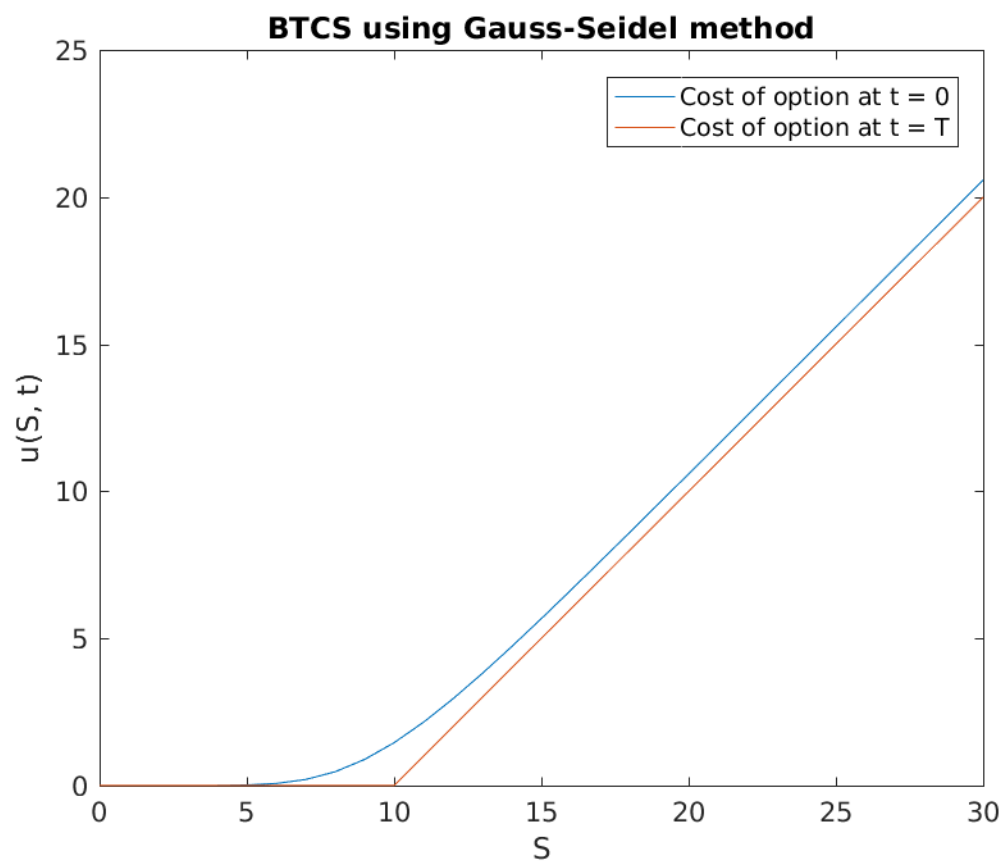
## Question 1

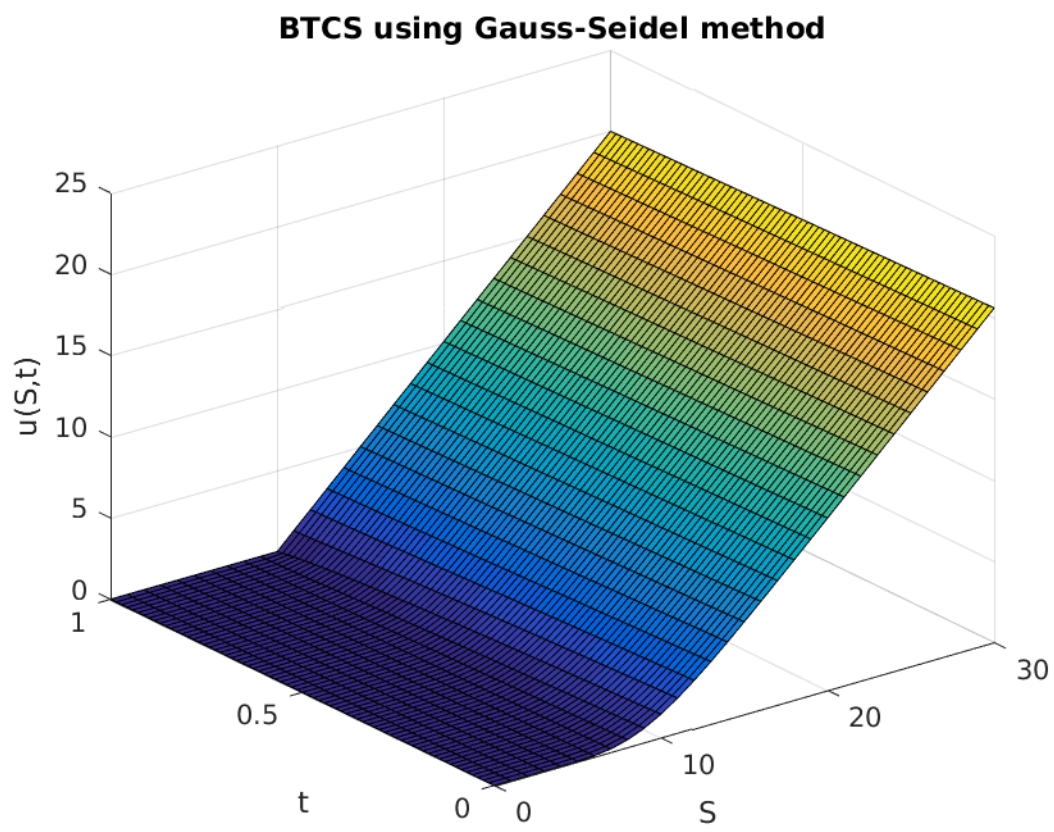


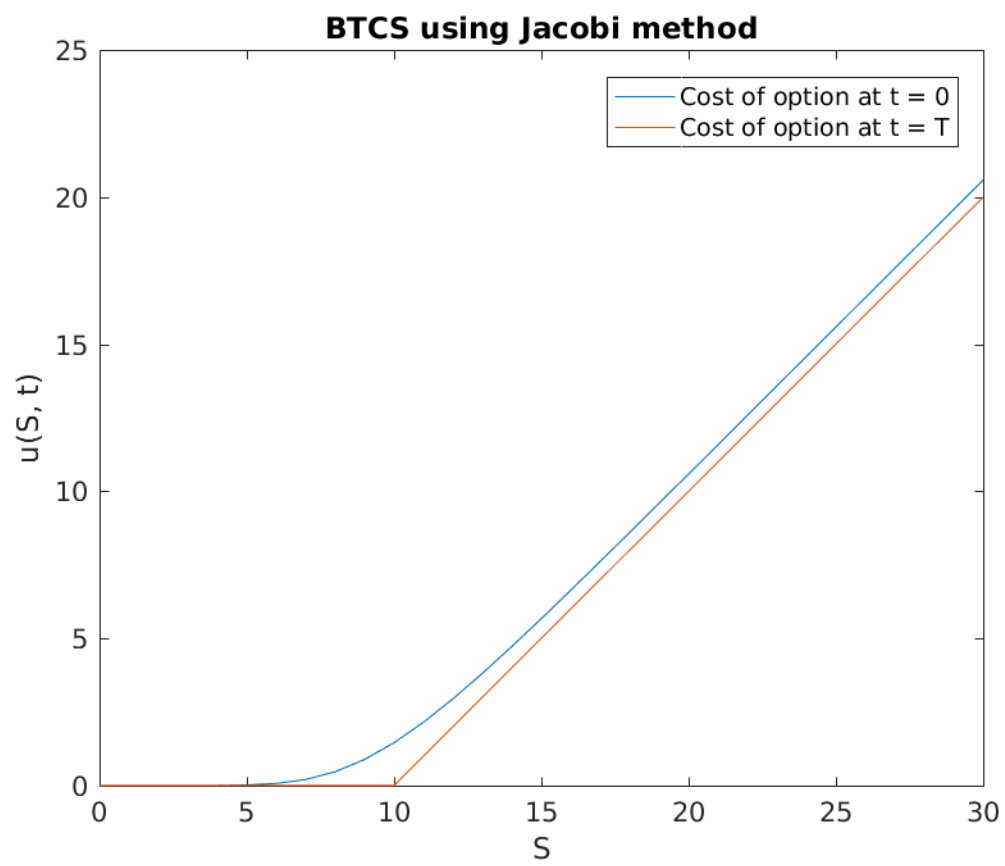


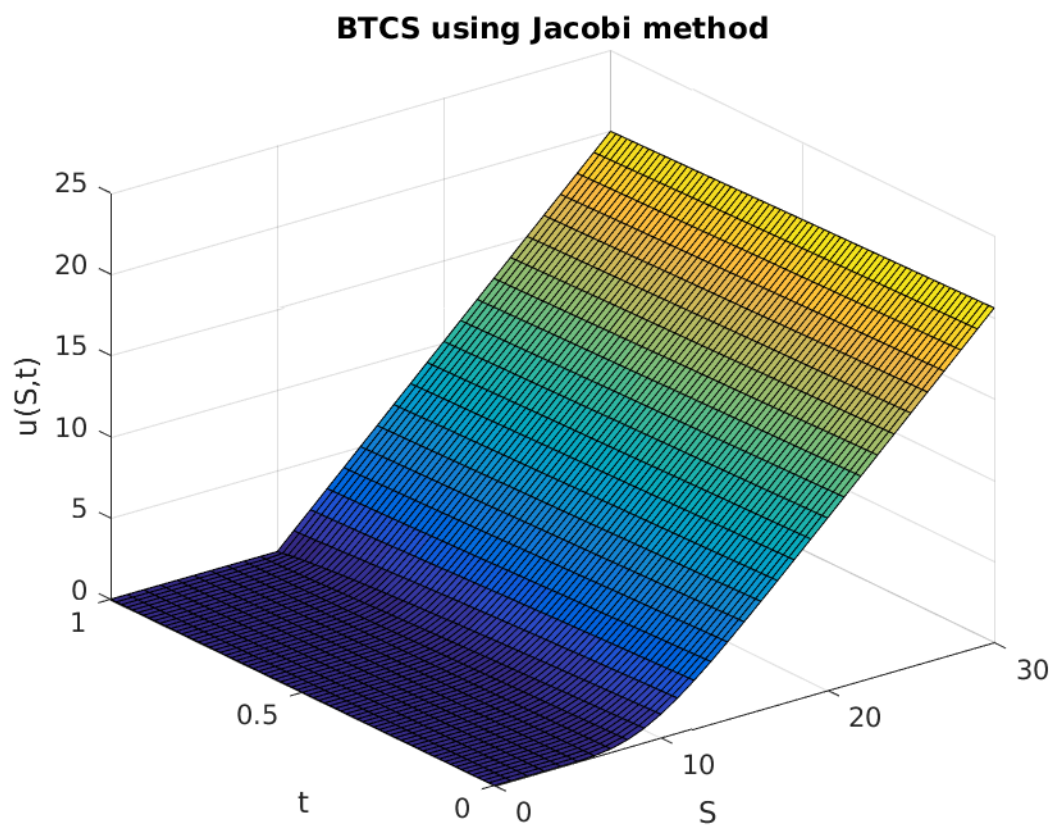




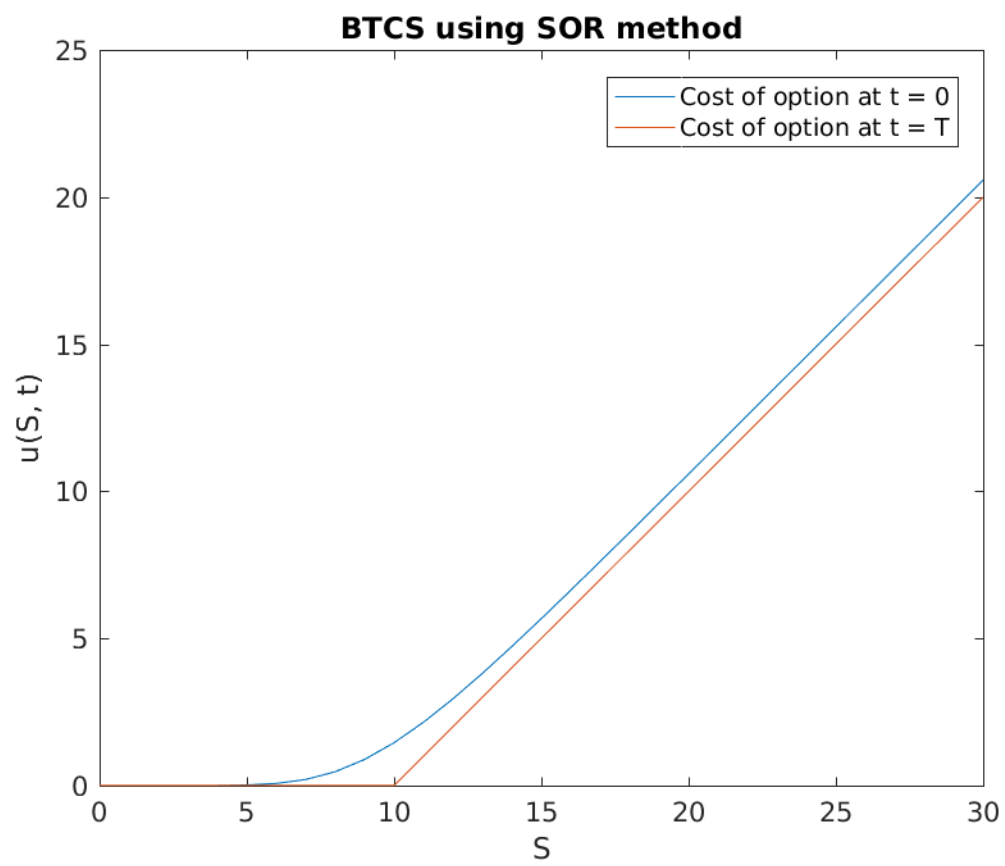


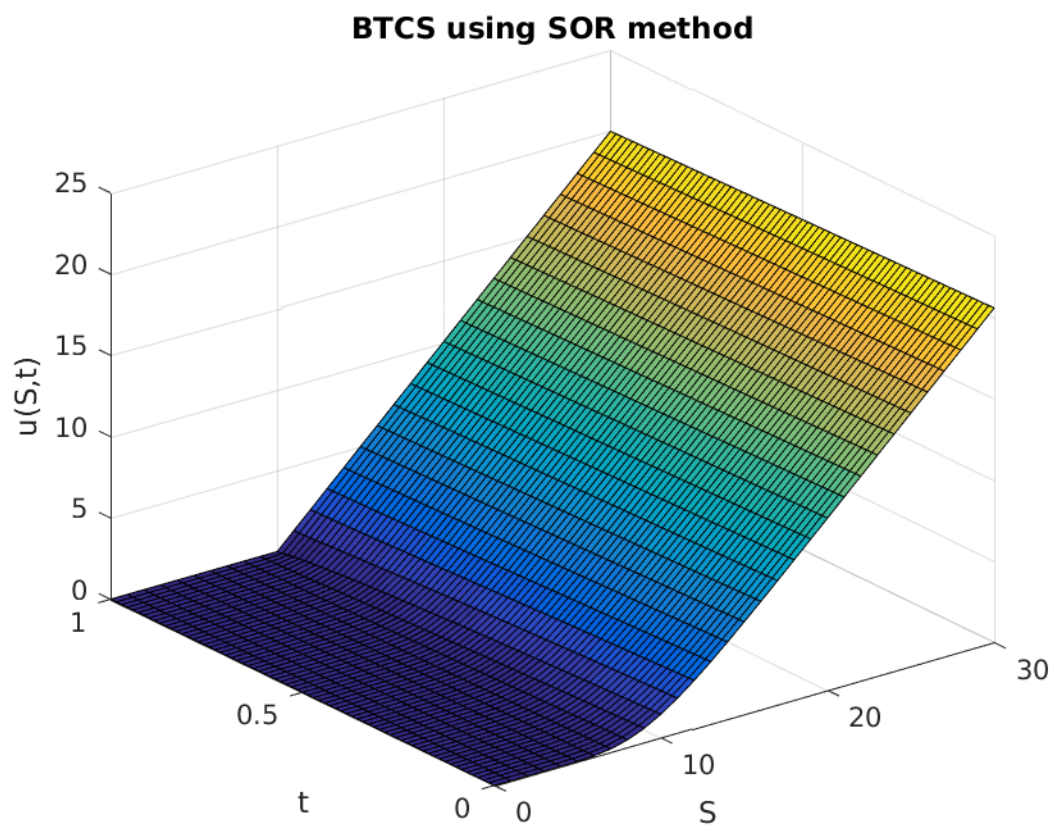


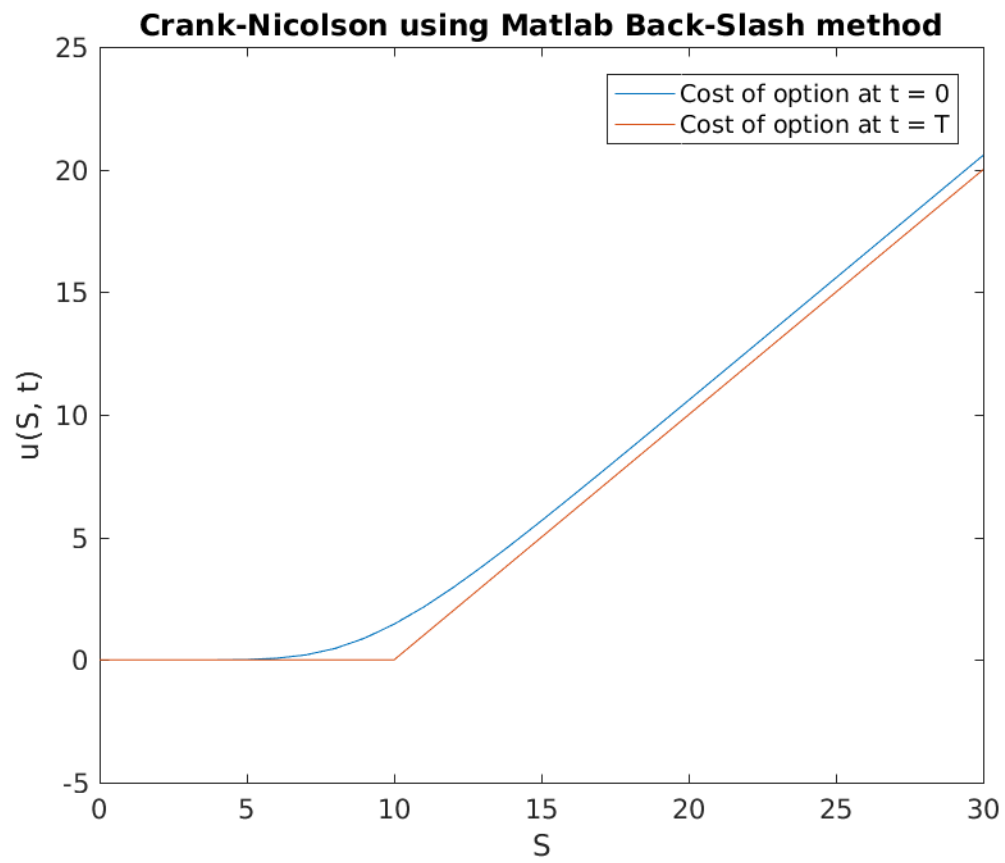


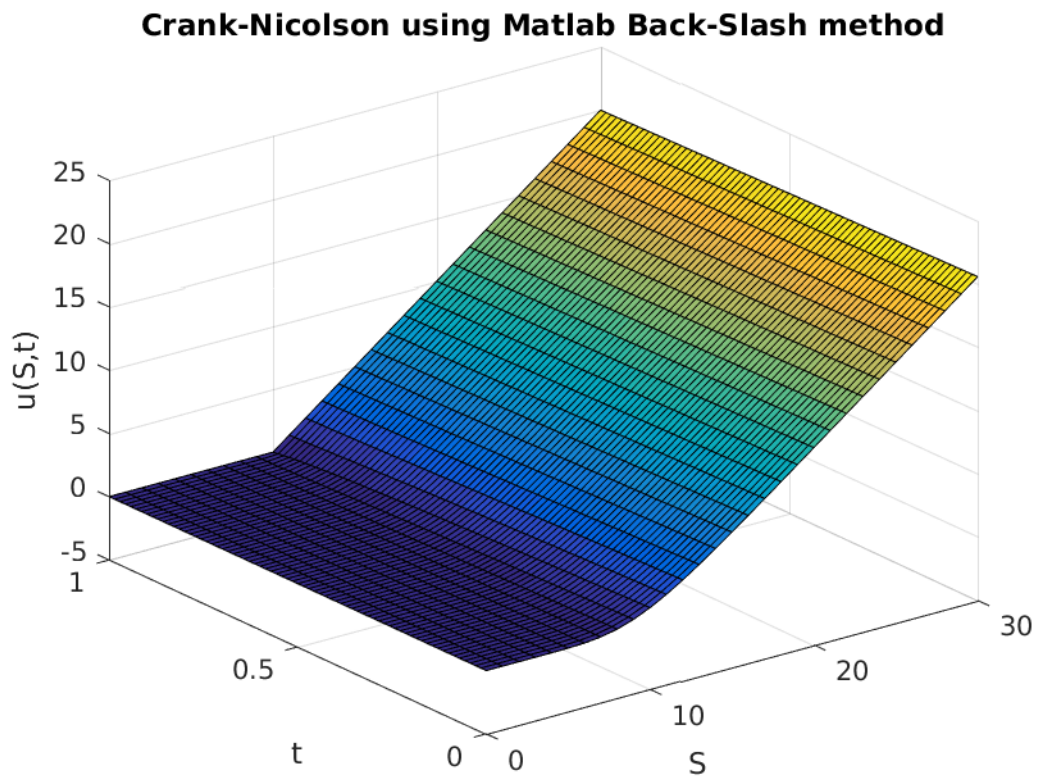


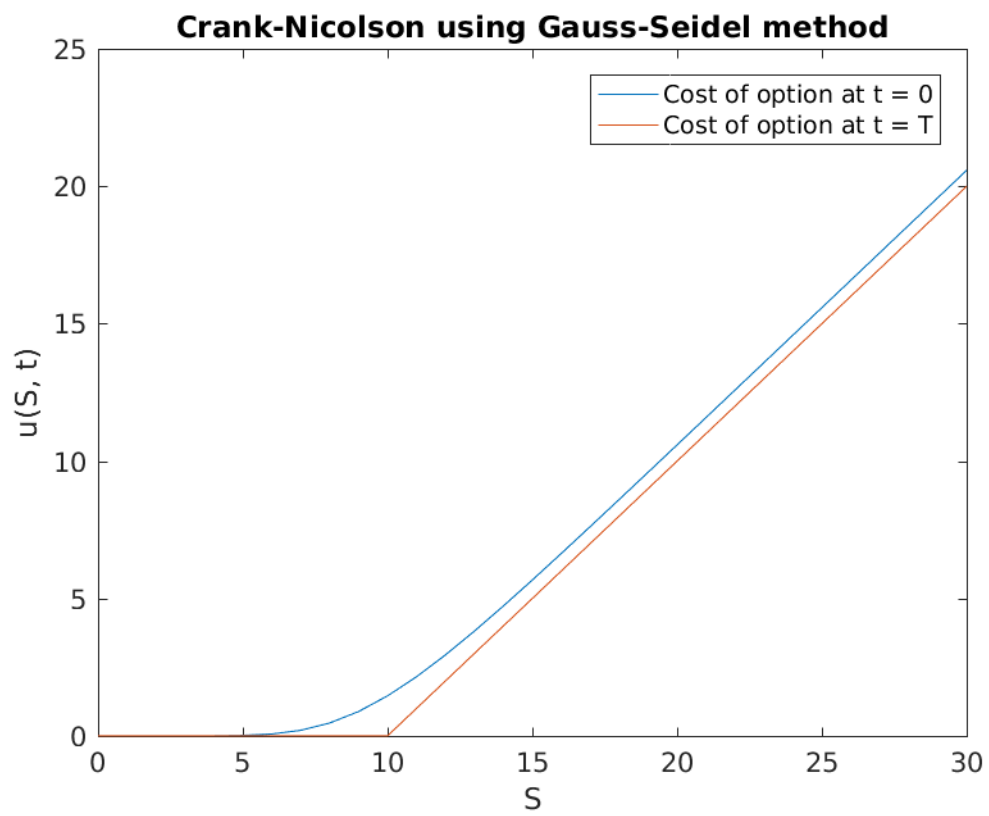


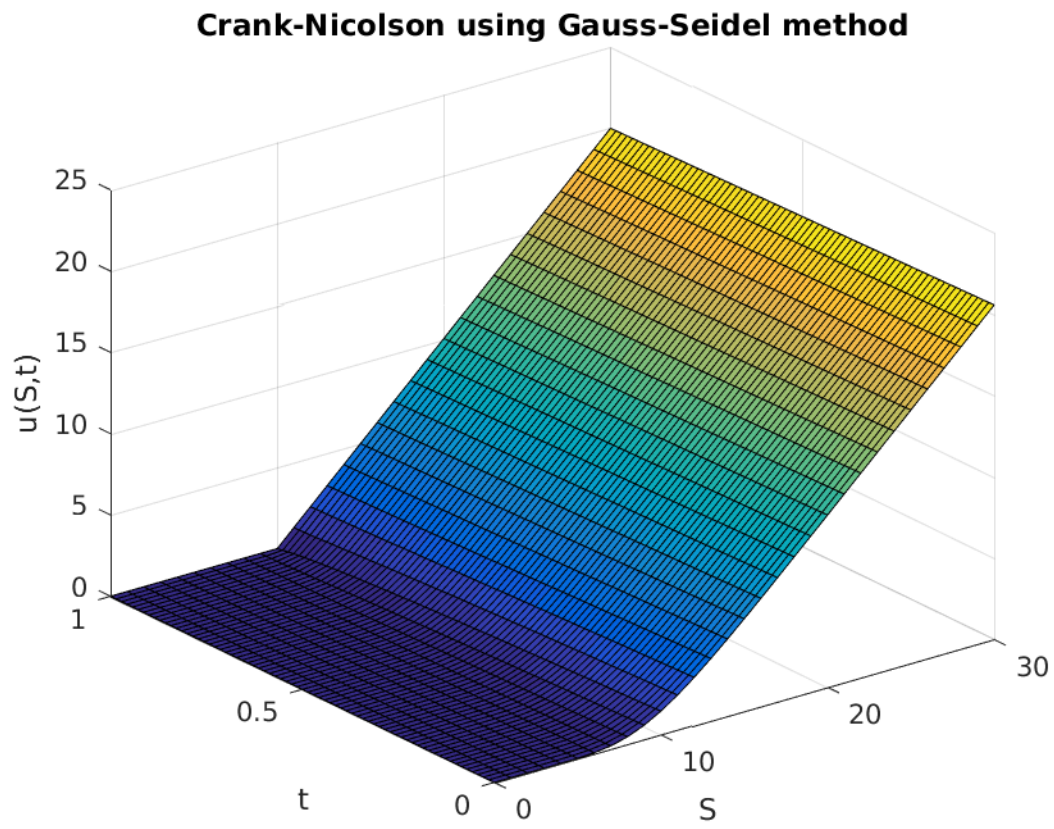


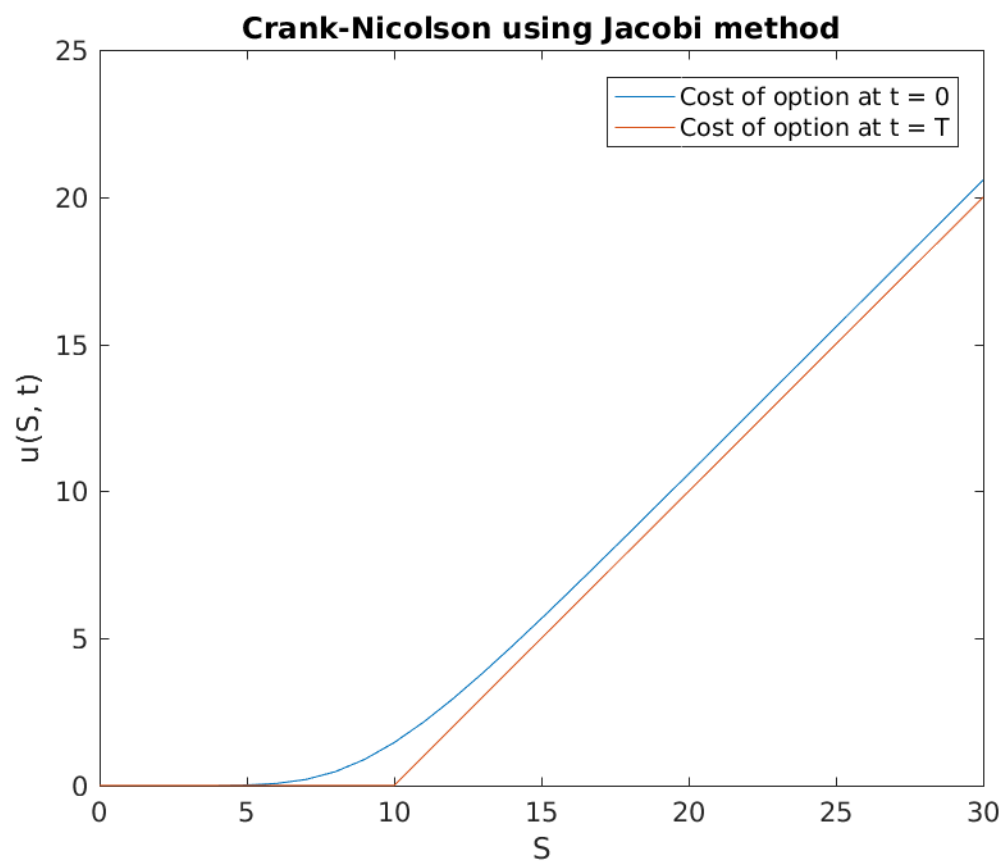


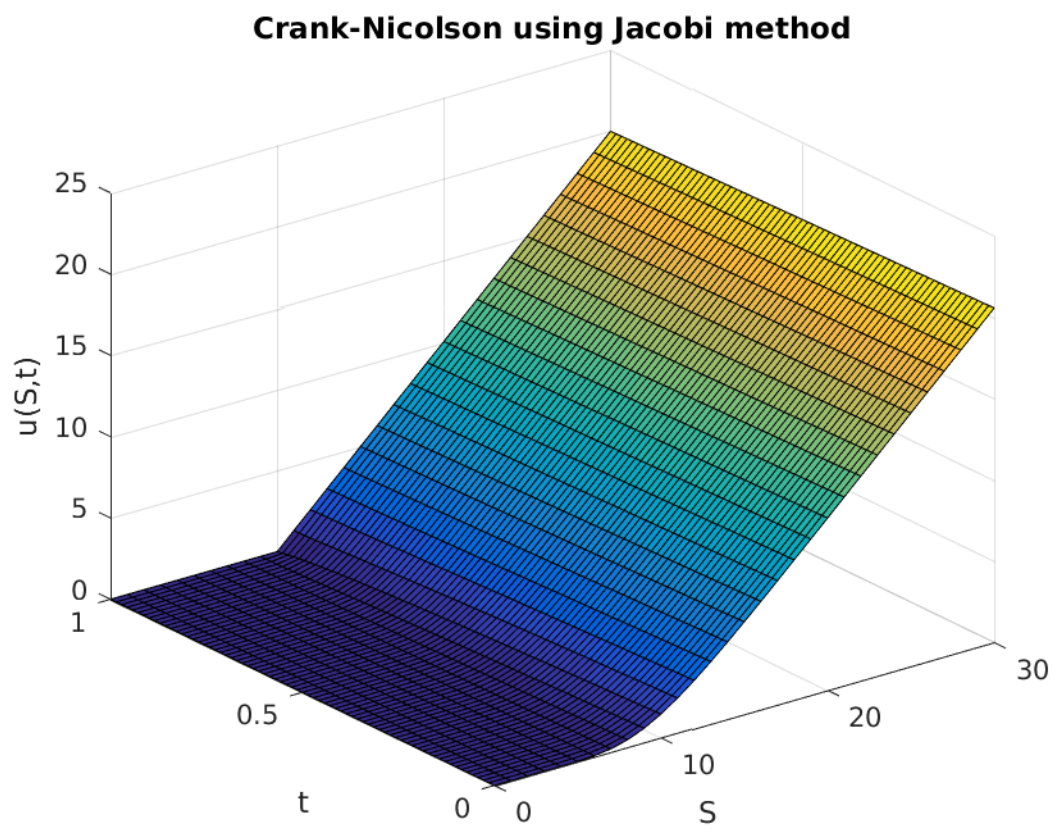




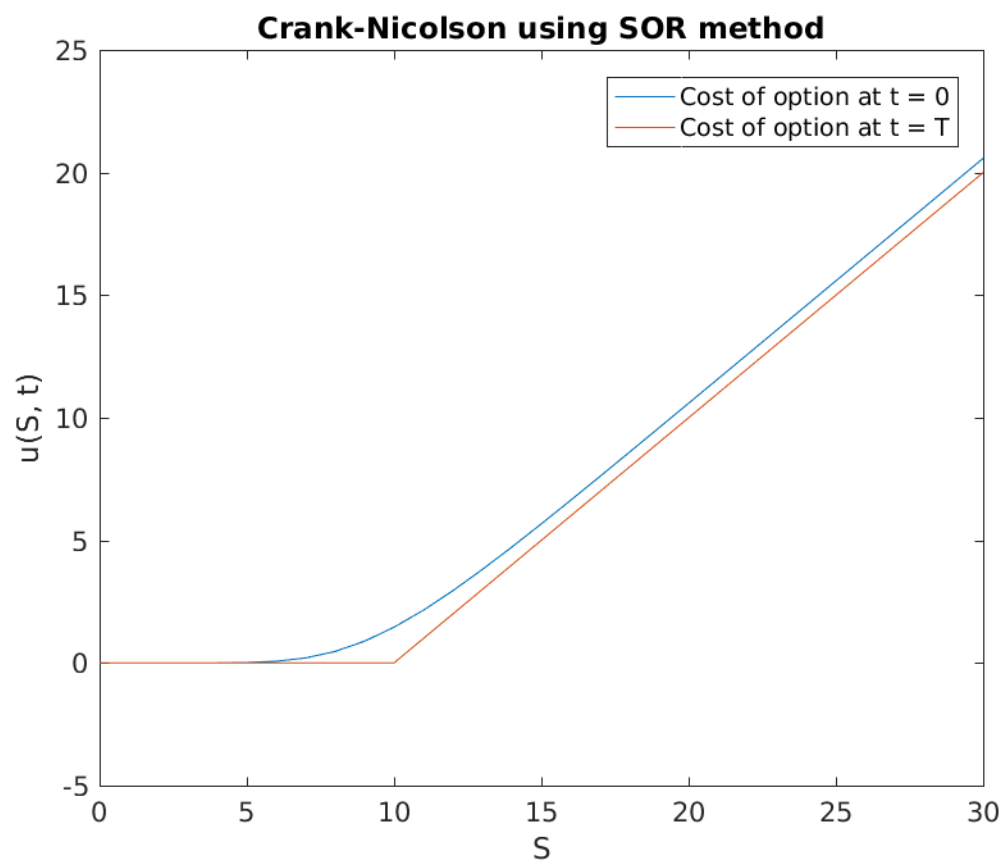


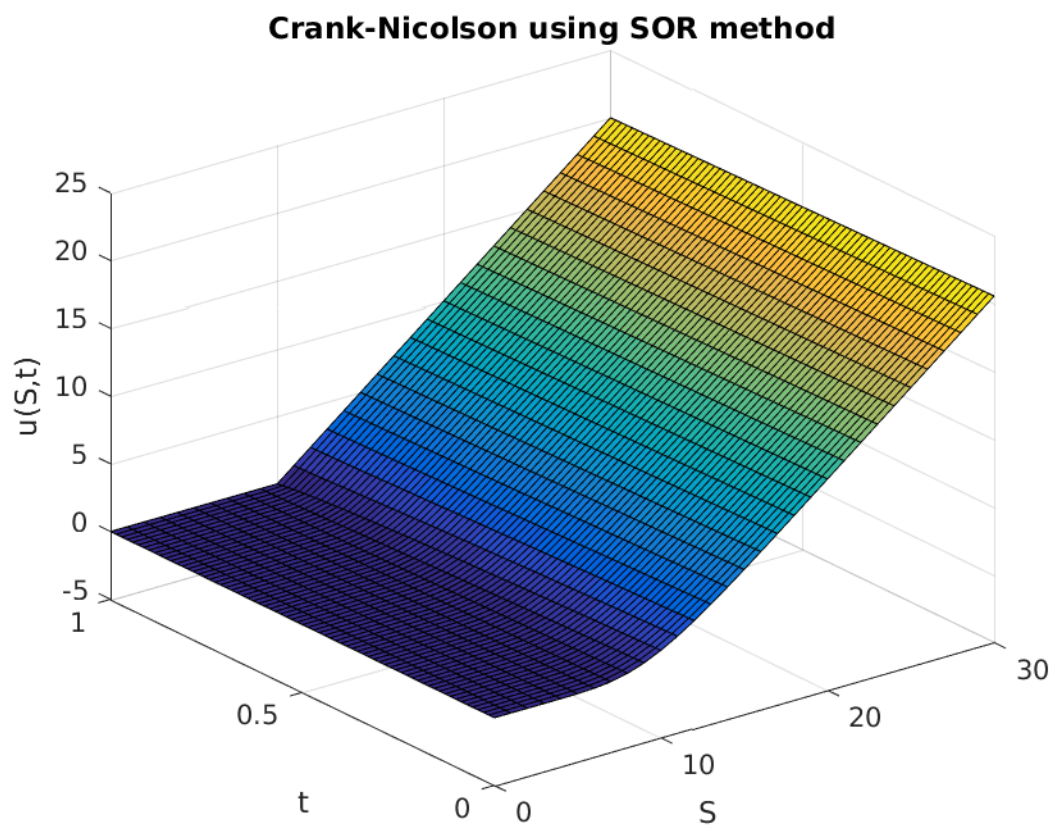






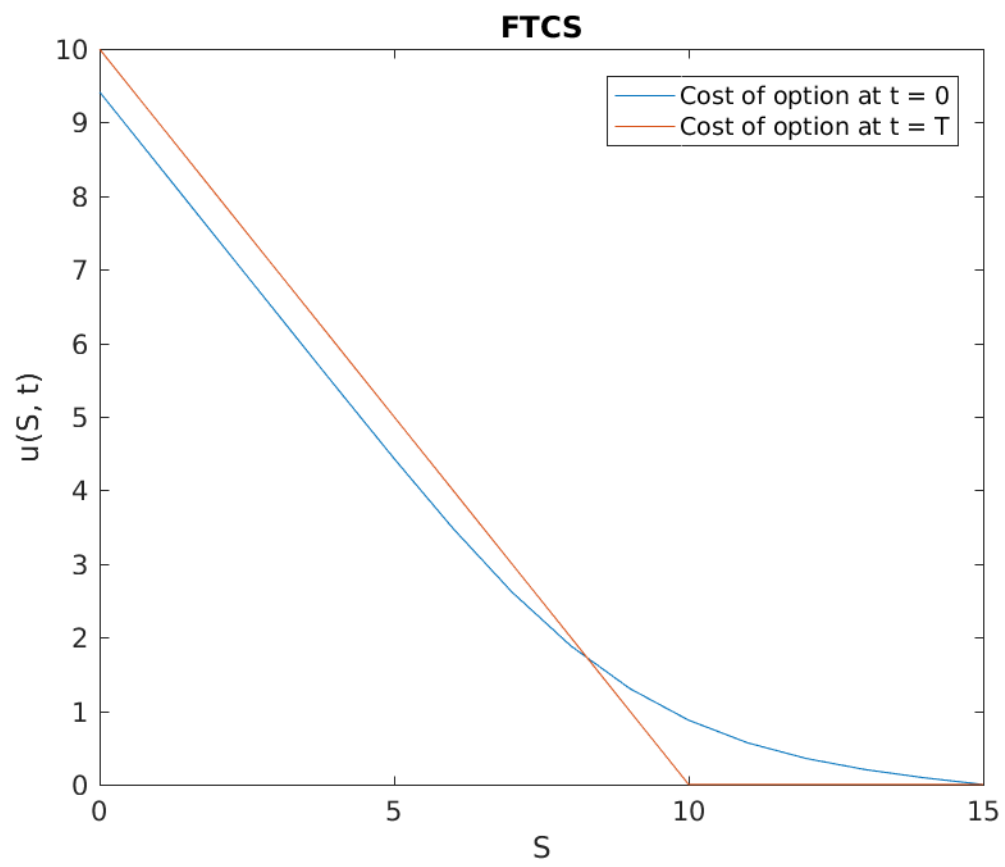


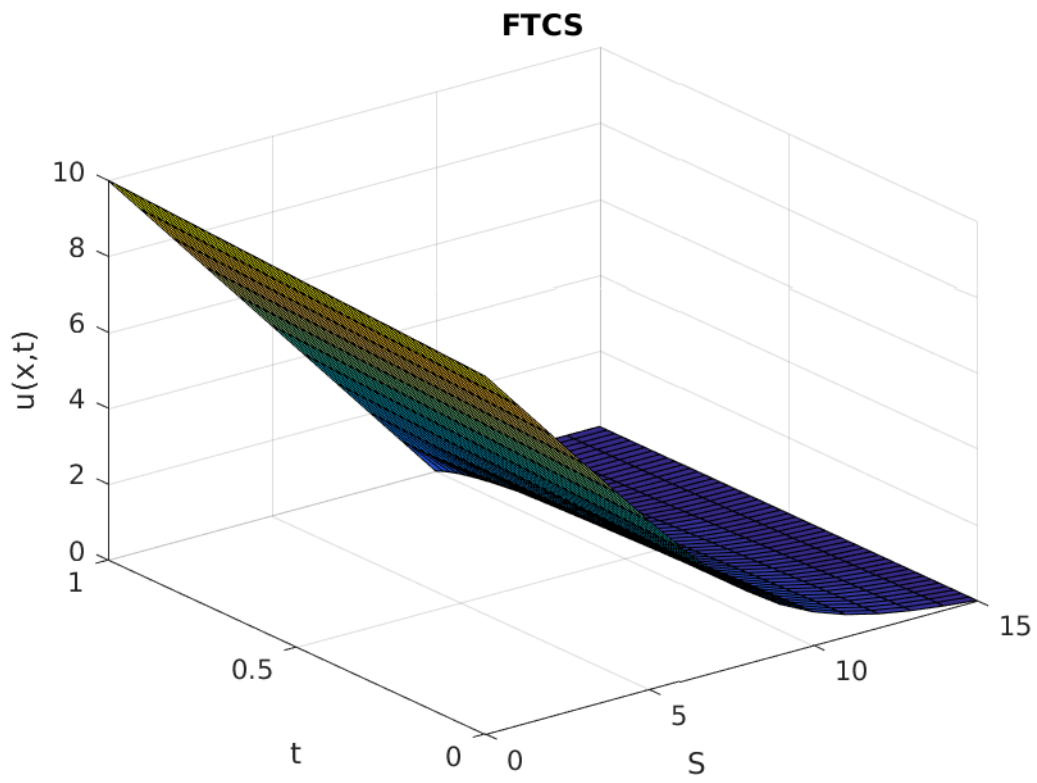


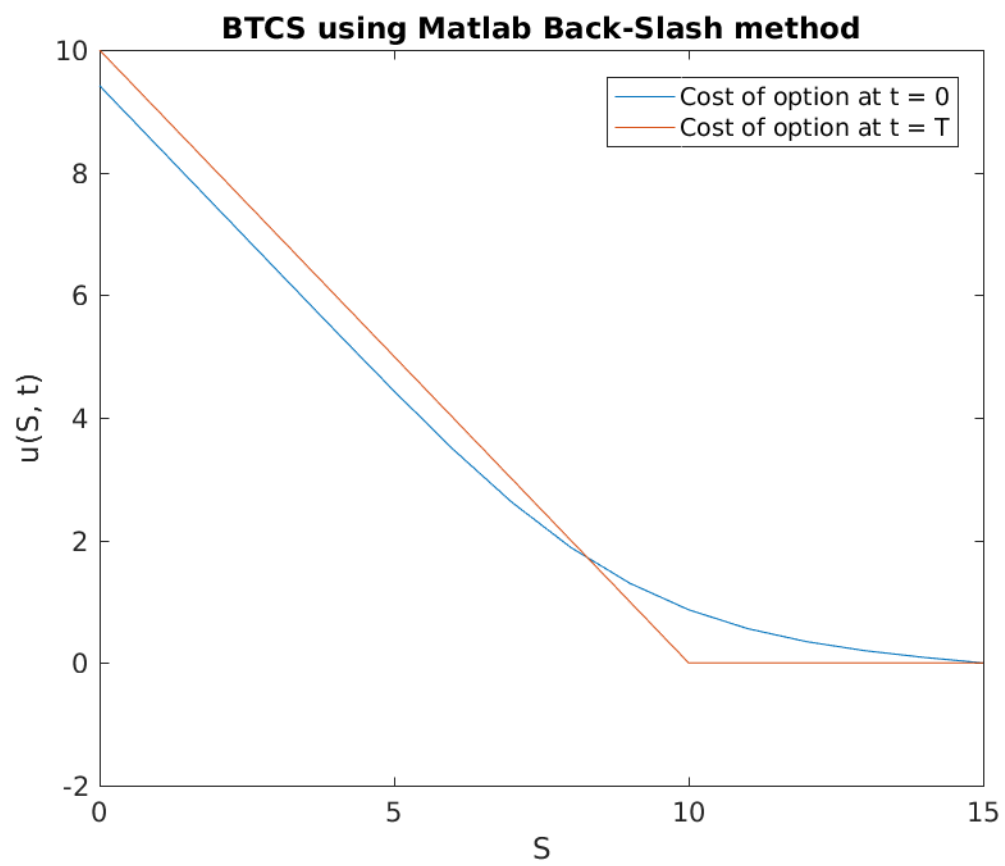


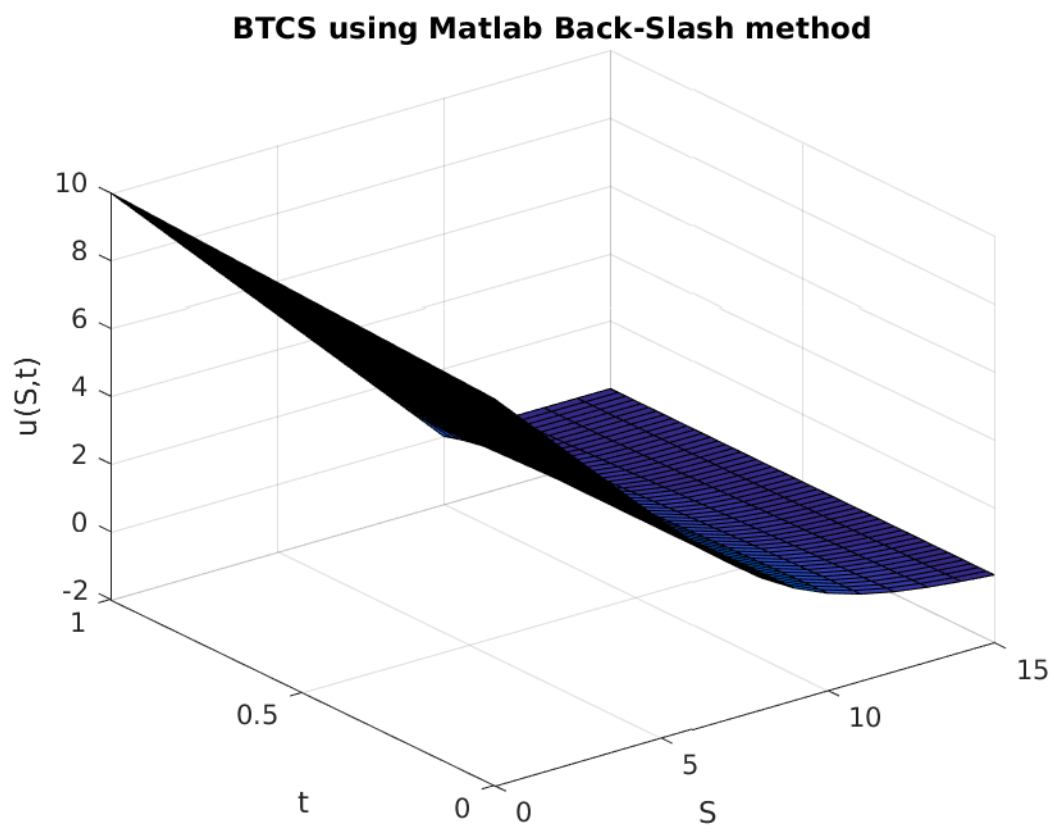
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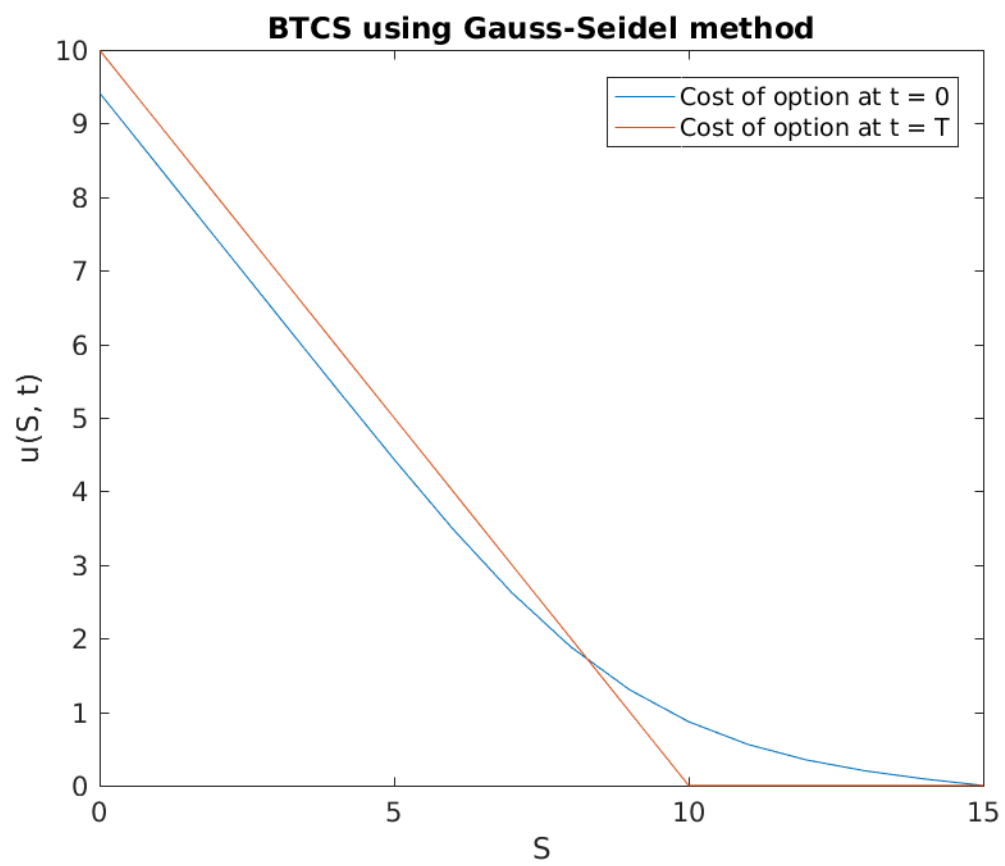
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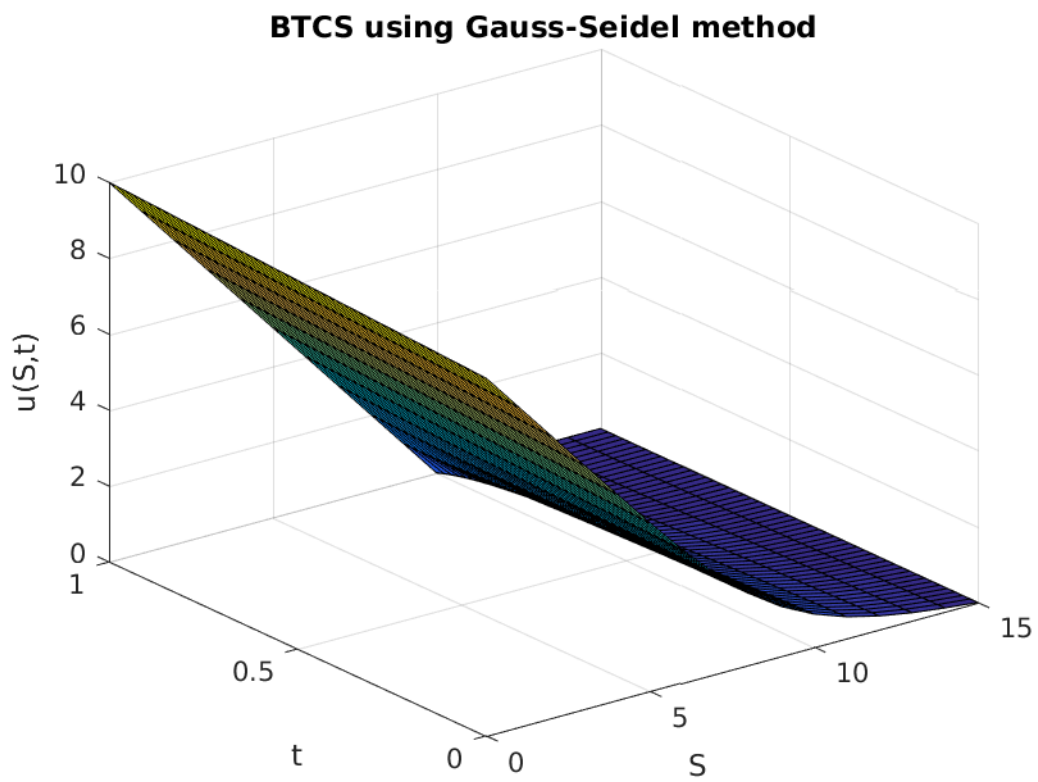




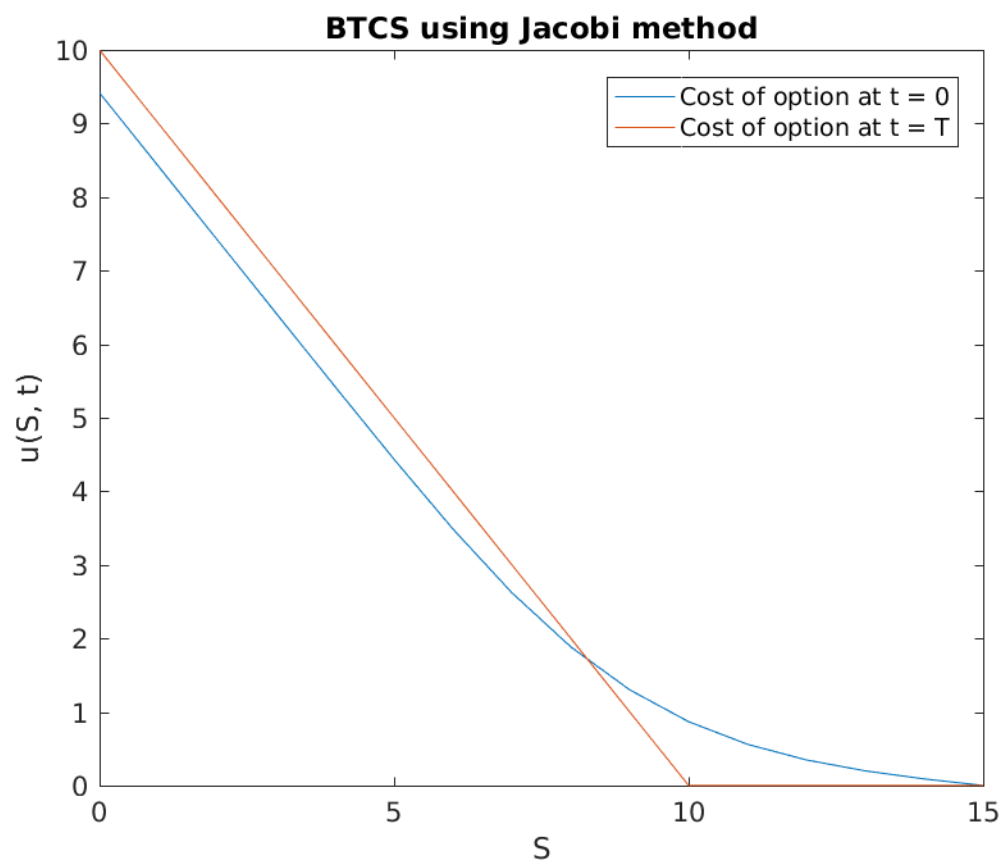


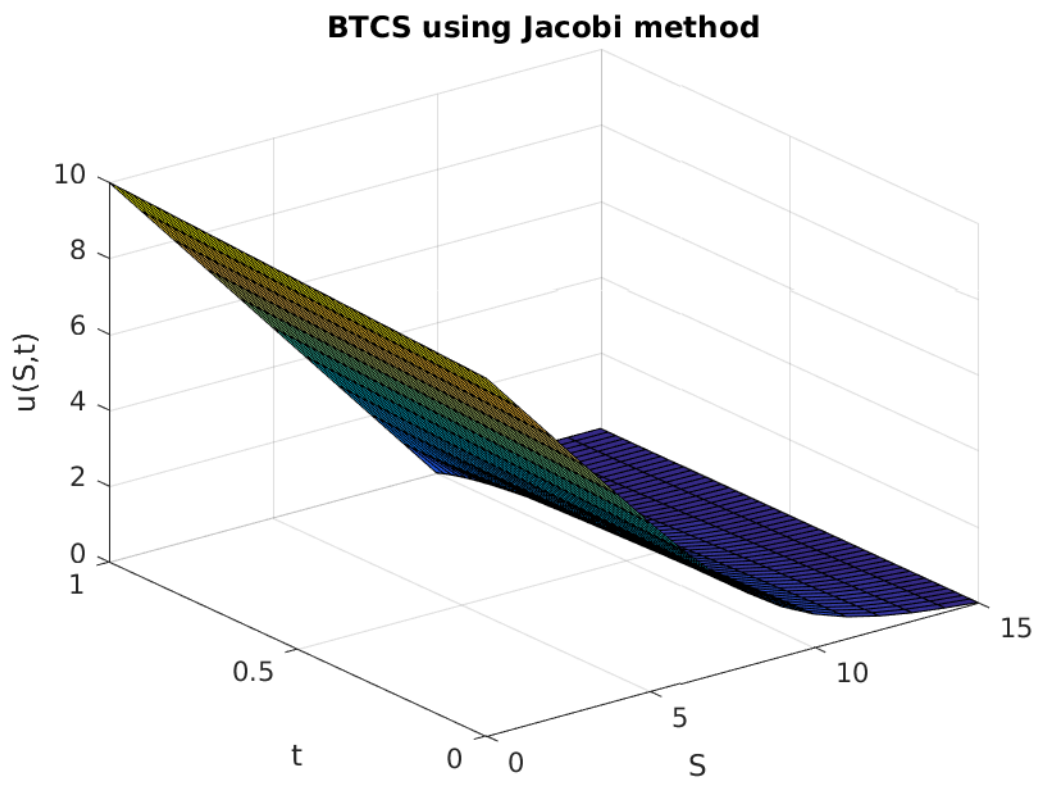


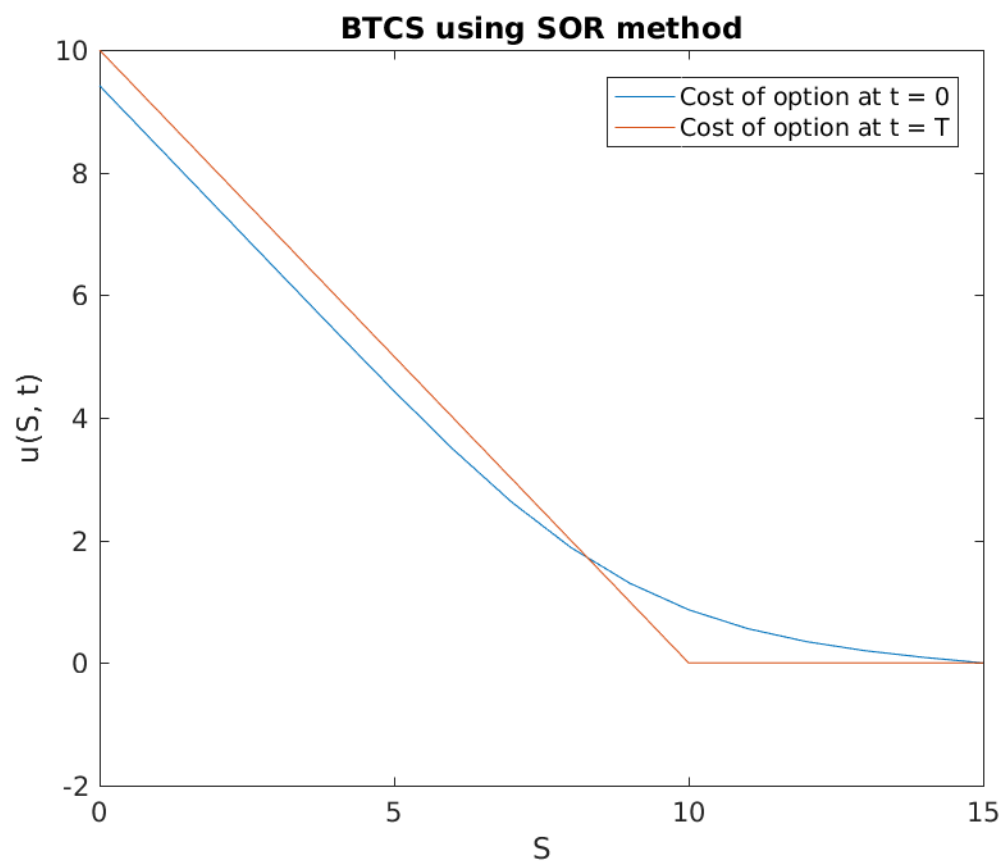


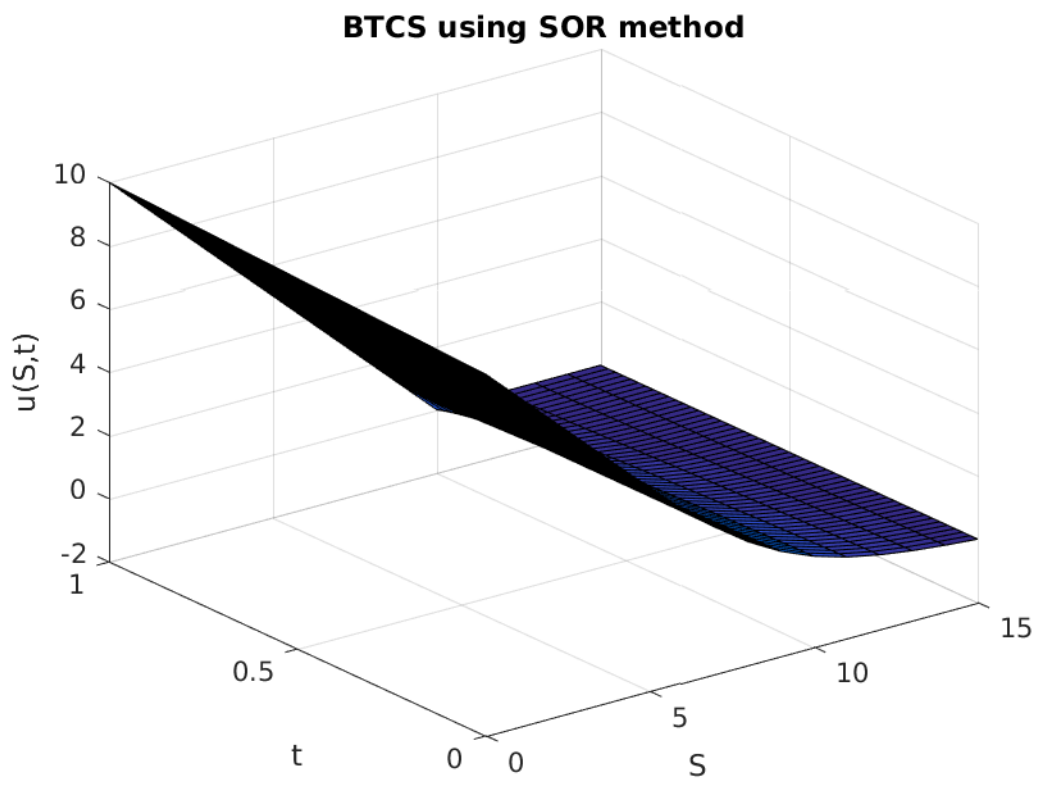


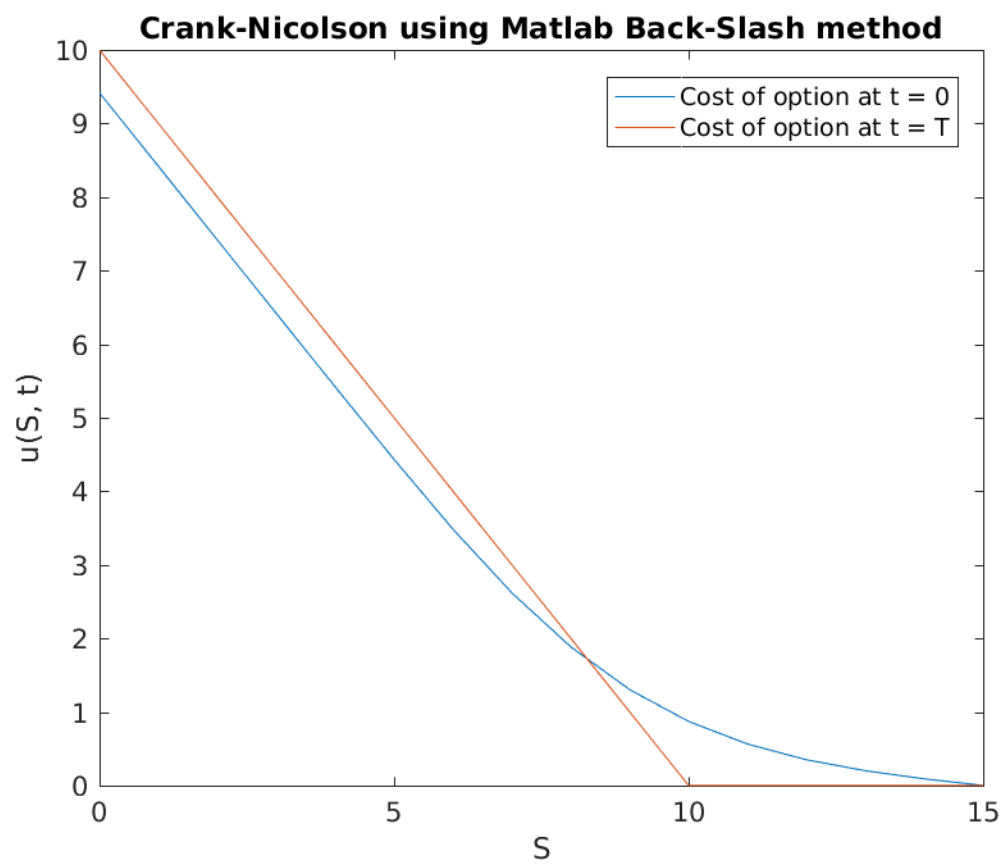












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### Crank-Nicolson using Matlab Back-Slash method

