

# Matrix Computations (MA423)

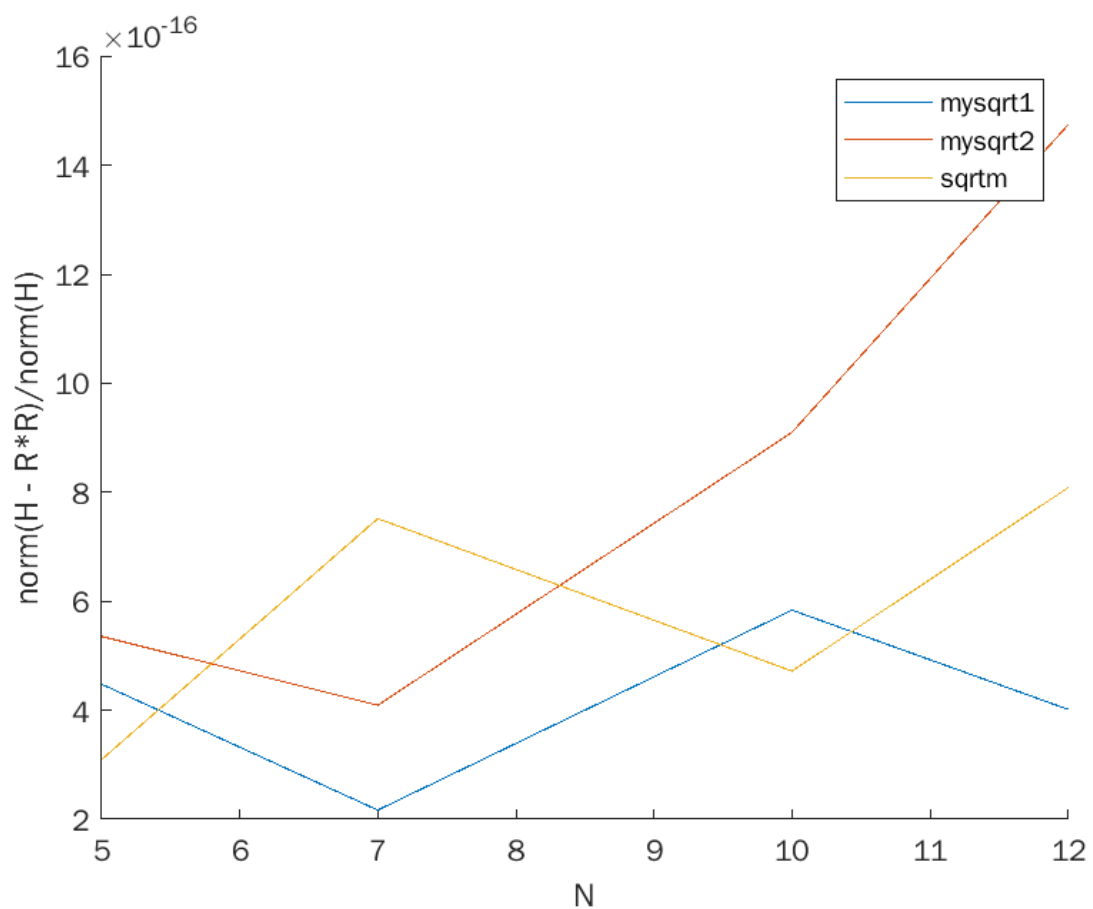
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Lab - 08

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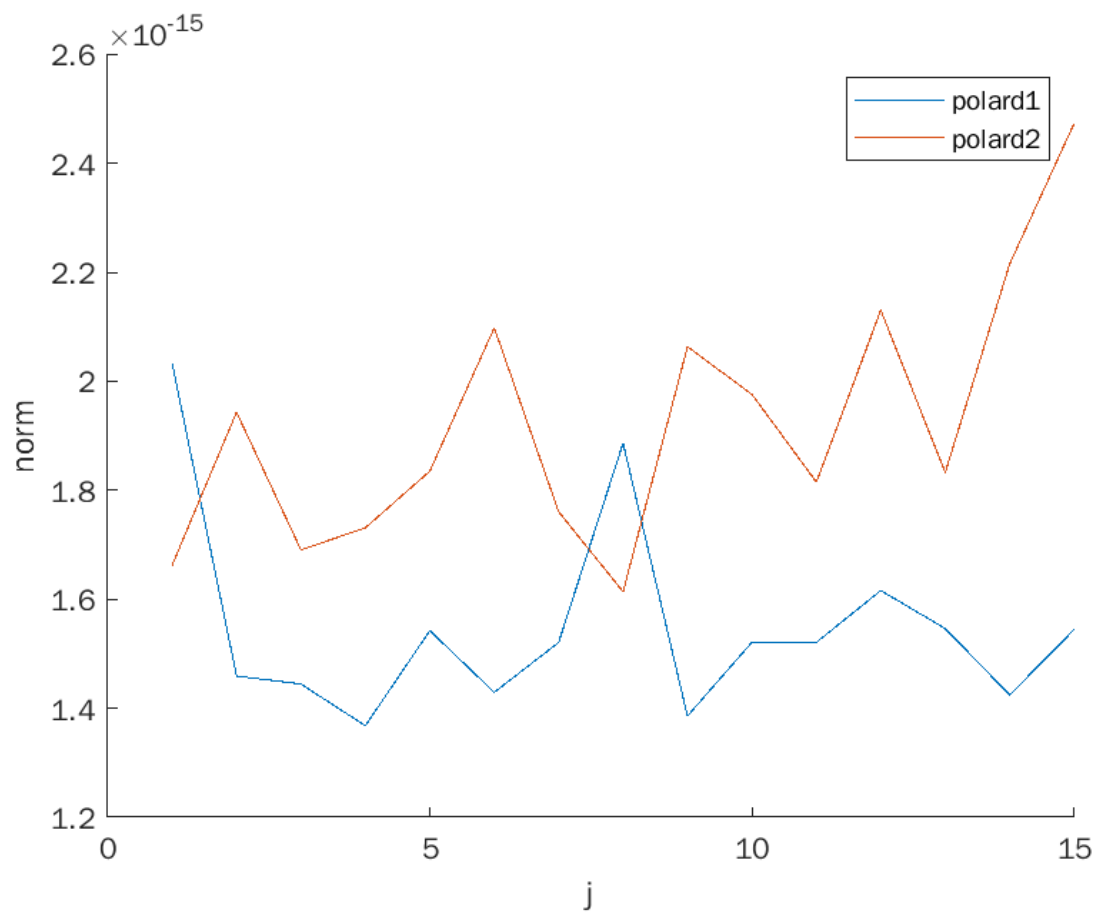
## Question 2



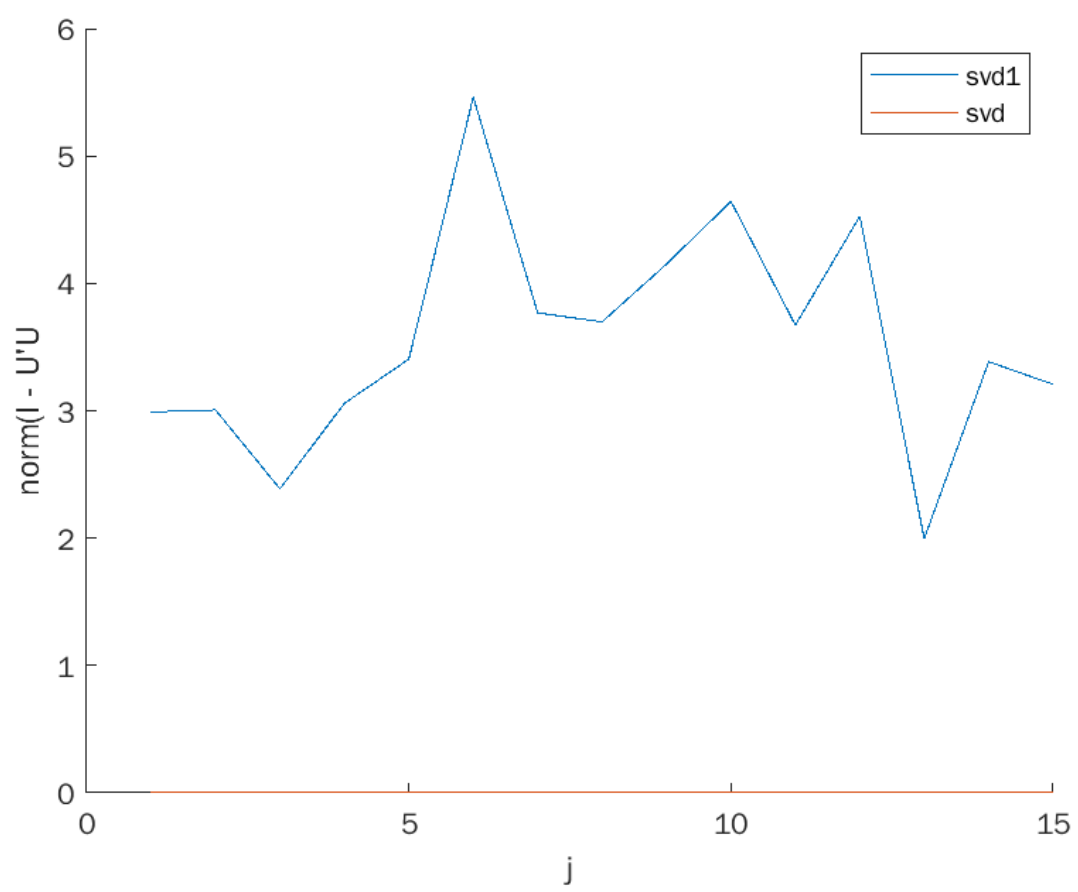
The errors are of the order  $10^{-16}$ , and is lowest for the function mysqrt1.

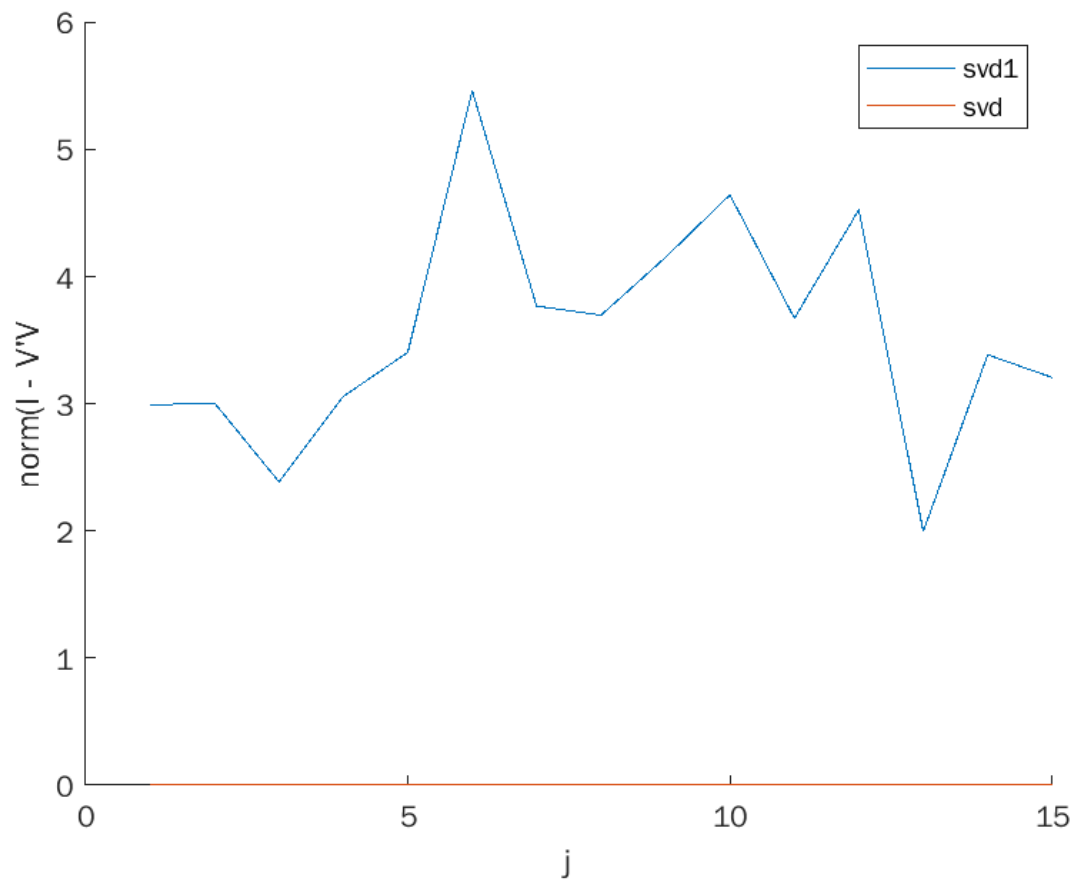
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### Question 3



### Question 4





As the matrices are ill-conditioned, the norm is much higher for `svd1` as compared to the MATLAB inbuilt function `svd`.