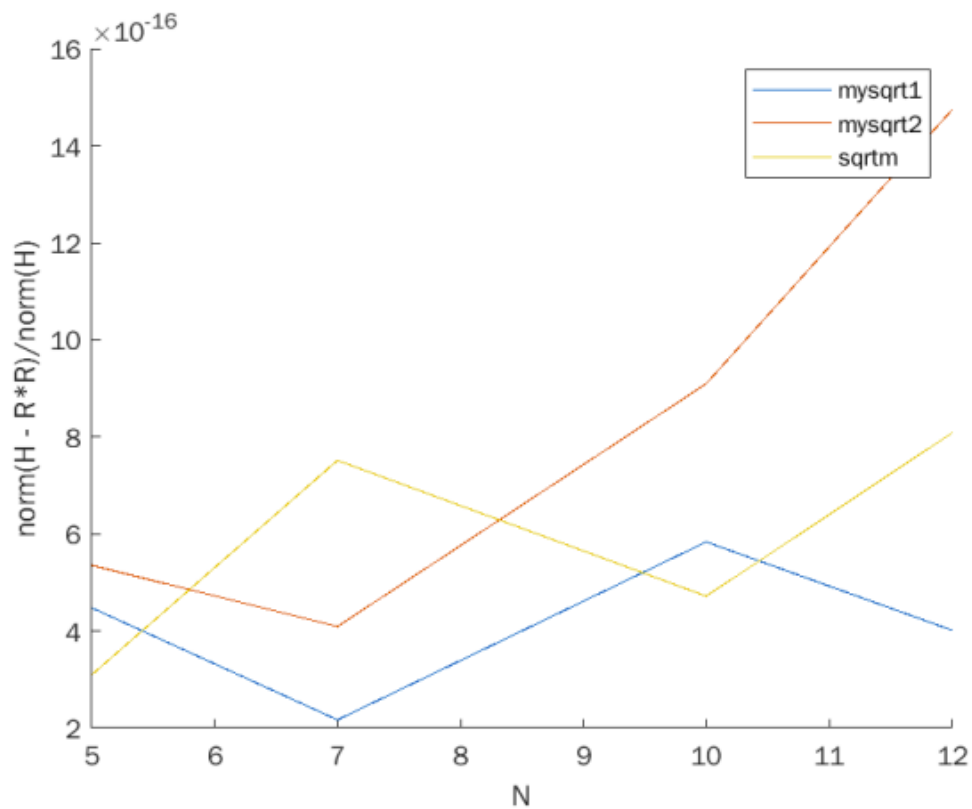


Matrix Computations MA423 Lab 08

Name: **Naman Goyal**

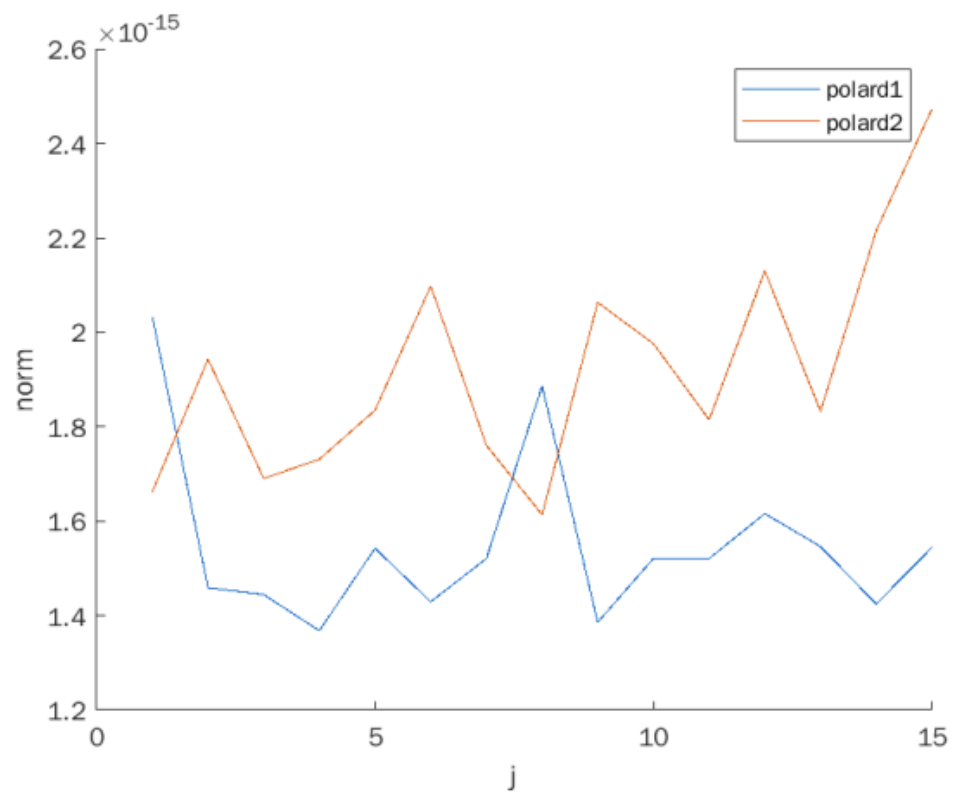
Roll No: **180123029**

Ques.2

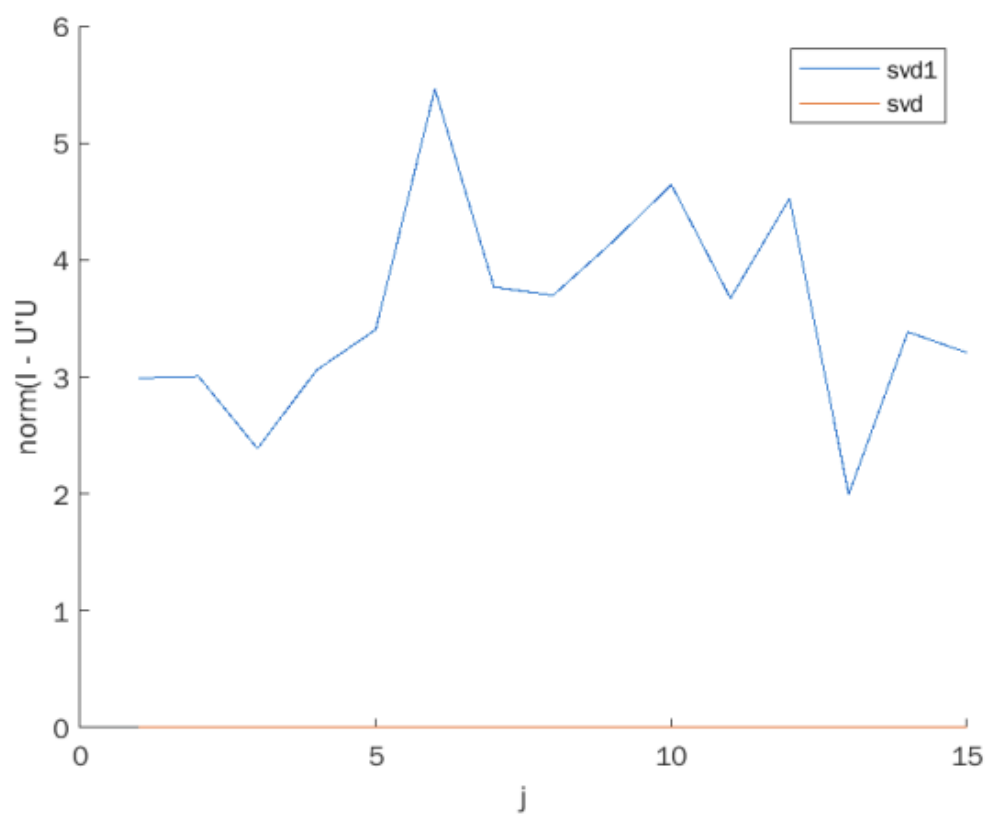


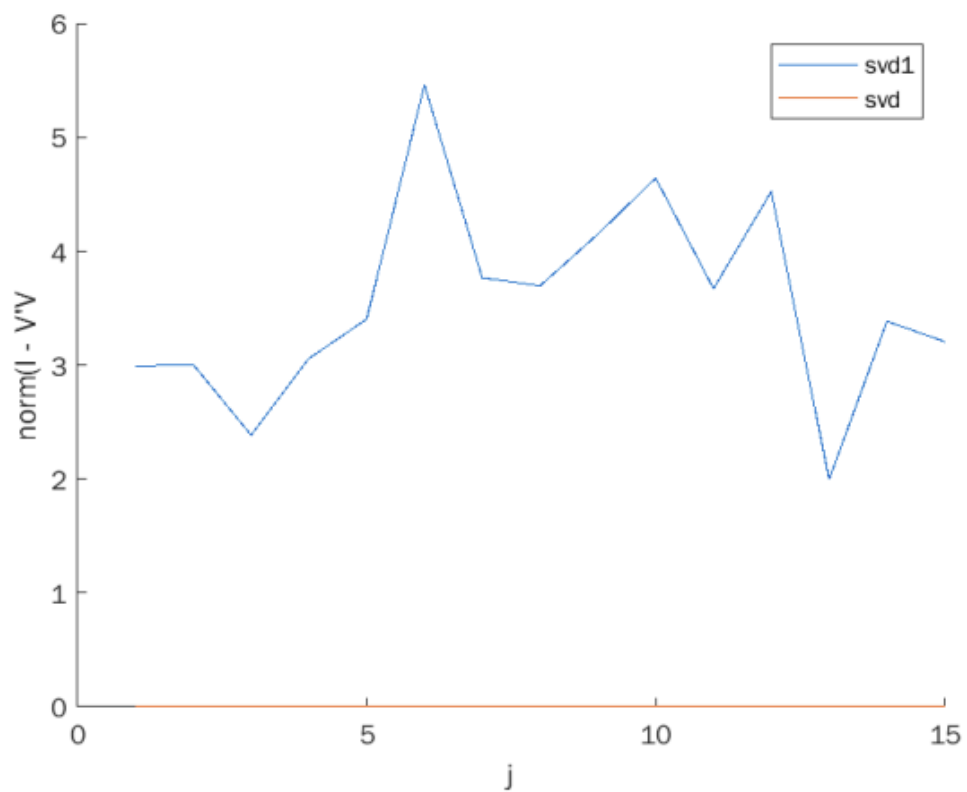
- Errors are of order 10^{-16} which is lowest for **mysqrt1**.
-

Ques.3



Ques.4





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