Project 2

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https://github.uio.no/comPhys/FYS3150/tree/project2/project2

PROBLEM 1 - SECOND ORDER DIFFERENTIAL EQUATION

PROBLEM 2 - JACOBI'S ROTATION ALGORITHM

PROBLEM 3 - THE TRIDIAGONAL MATRIX

PROBLEM 4 - LARGEST OFF-DIAGONAL ELEMENT

Problem a

Problem b

PROBLEM 5 - IMPLEMENTATION OF JACOBI'S ROTATION

Problem a

Problem b

PROBLEM 6 - TRANSFORMATIONS

Problem a

Problem b

PROBLEM 7 - EIGENVALUE PROBLEM

Problem a

 ${\bf Problem\ b}$