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Summary

ON THE EIGENVALUES OF DIFFERENTIAL EQUATIONS $Mf = \lambda Nf$,. II.

VÁCLAV ALDA, Praha

In this article there is solved the problem of finding the eigenvalues of the differential equation $Mf = \lambda Nf$ in the case that the positive operator N has a lower order than the operator M. The problem may be reduced to the problem concerning the eigenvalues of a symetric compact operator in Hilbert space provided the order of the differential operator M exceeds the order of the operator N by 2 at least.