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Summary

ON EIGENVALUES OF THE DIFFERENTIAL EQUATION $Mf = \lambda Nf$

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In this paper a proof is given of completeness of the system of eigenfunctions of the differential equation (1) under boundary conditions (3). In comparison with [1], it is not required that N be positive, but we require $m - 2 \geq 2n$, where m, n are the orders of M, N respectively.