

INVERSE PROBLEMS FOR A CLASS OF STURM-LIOUVILLE OPERATORS WITH THE MIXED SPECTRAL DATA

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Abstract. In this paper, we study the inverse spectral problem for Sturm-Liouville equations with boundary conditions polynomially dependent on the spectral parameter and establish a uniqueness theorem with the mixed spectral data. In addition, we obtain three corollaries of the uniqueness theorem for the above boundary value problem.

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