

## Almost Regularity Conditions of Spectral Problems for a Second Order Equation

Yu. A. Mamedov and H. I. Ahmadov

Faculty of Applied Mathematics and Cybernetics, Baku State University, 370148 Baku, Azerbaijan  
(Received: 2003-1-23; Revised: )

Abstract: The asymptotic distributions are exactly solved for linearly independent solutions considering problem of the second order and for the coefficients of asymptotic distribution the recurrent formulas are obtained. Further, using obtained recurrent formulas the necessary and sufficient conditions for almost regularity of spectral problem for the equation of the second order is proved.

PACS: 02.30.Hq, 02.70.Hm

Key words: spectral problem, asymptotic distribution

[\[Full text: PDF\]](#)

Close