

# Elliptic boundary value problems and the extension theory

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We discuss elliptic boundary value problems in the framework of extension theory. Using the concept of boundary triplets and the corresponding Weyl-Titchmarsh functions we discuss various spectral properties of closed (self-adjoint and non-selfadjoint) realizations of elliptic differential expressions. Our results extend some classical results due to Visik, Povzner, Birman, and Grubb.