

Schatten-von Neumann norm estimates for resolvent differences of Dirichlet operators

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We discuss perturbations of regular Dirichlet operators by killing terms. Estimates for the Schatten von Neumann-norms of the difference between the resolvents of the unperturbed and perturbed operators are derived and used for the investigation of the spectra of the perturbed operators. The talk is based on joint work with H. BelHadjAli and A. Ben Amor.