



A COMPARISON OF SPECTRA FOR SOME NONLINEAR EIGENVALUE PROBLEMS

P BINDING

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A review will be given of some recent work on nonlinear versions of Sturm-Liouville theory, including Berestycki's half-eigenvalues, Fučík's spectrum and the p -Laplacian, for various boundary conditions. Some of the results are quite similar to the classical ones, but some are markedly different.