1003-35-1102 **Alfonso Castro*** (`castro@math.hmc.edu`), Department of Mathematics, Harvey Mudd College, Claremont, CA 91711, and **Chen Chang**. *A variational characterization of the Fucik spectrum.* Preliminary report.

We provide a variational characterization for the values of the Fucik spectrum using Lyapunov-Schmidt reduction properties of the functionals associated with nonlinear homogeneous boundary value problems. (Received October 04, 2004)