

1125-VC-2264

Serifenur Cebesoy* (scebesoy@ankara.edu.tr), Döğol Street, Department of Mathematics, Faculty of Science, Ankara University, 06100 Ankara, Turkey. *Spectral Singularities of the Impulsive Difference Equations*. Preliminary report.

We consider the problem of locating spectral singularities of a general complex point interaction for the second order discrete equations. We also determine the eigenvalues, examine the special cases where the point interaction is P -, T - and PT – *Symmetric*. (Received September 20, 2016)