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**Mira Gordin\*** ([miriam\\_gordin@brown.edu](mailto:miriam_gordin@brown.edu)). *Non-Hermitian Anderson Operators and their Spectral Properties.*

The random Non-Hermitian Anderson operator has both real eigenvalues and complex eigenvalues located on smooth analytic curves in the complex plane. We consider the global and microscopic distribution of the spacings between nearest eigenvalues and investigate the transition from of the eigenvalue distribution from the Poisson to the picket fence distribution. This work was completed as a part of the 2018 Williams College SMALL REU Program. (Received September 06, 2018)