Code Documentation

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This document shall serve as a skeleton for the documentation of the code documentation in the `RMat` package.

matrices.R

Generates random matrices of the following classes:

1. Normal
2. Stochastic
3. p-Stochastic (Erdos)
4. Band

eigen.R

Returns `tidyverse` styled dataframes of a matrix's spectrum (eigenvalues) for singular matrices and an ensemble of matrices. Also includes a plot feature.

simulate.R

analyze.R

ensemble.R