

Matrix A and Matrix B

Matrix A	Matrix B
[[0. 0.9412 0.1283 0. 0.]	[[-0.1283]
[0. -0.9412 0.8717 0. 0.]	[0.1283]
[0. 14.0504 -7.5719 0. 0.]	[6.6408]
[0. 0. 1. 0. 0.]	[-0.]
[248.3417 0. 0. 0. 0.]]	[-0.]]

Matrix C and Matrix D

Matrix C	Matrix D
[[0 0 1 0 0]]	[[-0.]]

Eigen Values

[0. 0. 0. 9.0773 0.5641]

Damping Table

[nan nan nan 1. -1.]
