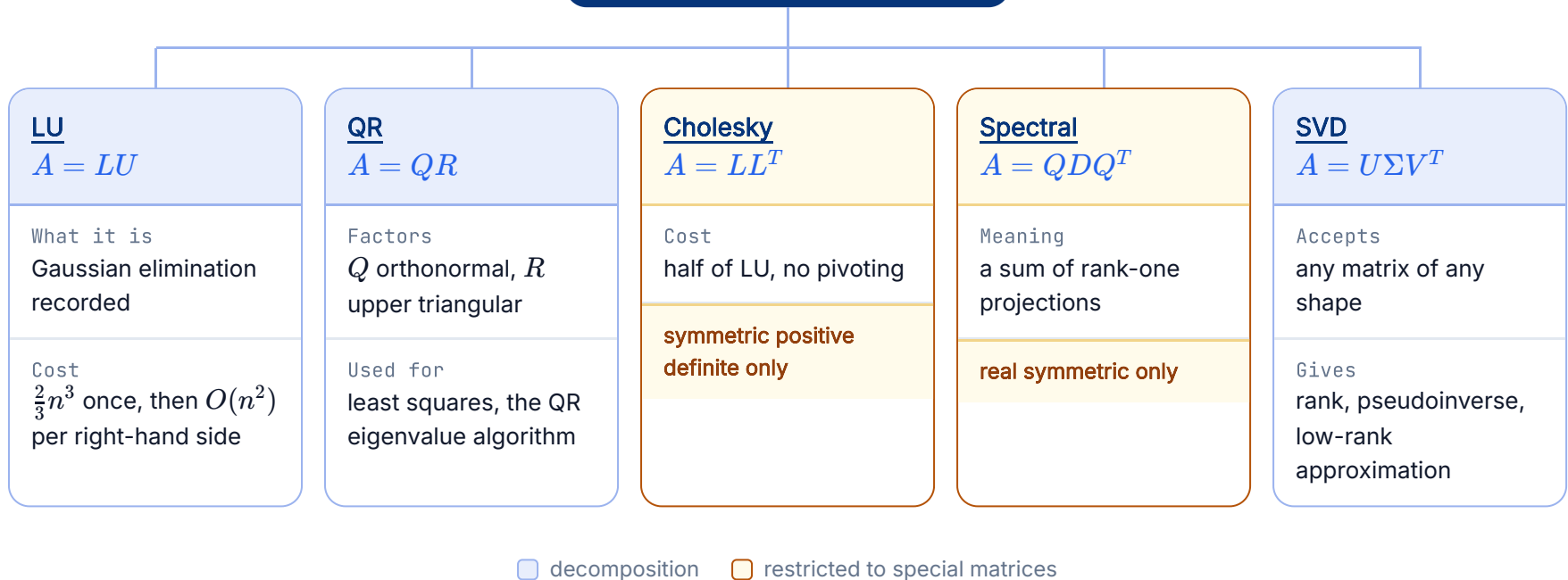


Five ways to factor a matrix

Each decomposition writes a matrix as a product of simpler pieces. They differ in which matrices they accept and what they are used for.

Matrix decompositions

5 factorizations



TAKEAWAY

Pick by the matrix you have

Cholesky and the spectral decomposition need symmetric matrices; the SVD accepts any matrix of any shape.

