

Mathematical Economics, EC3080

Textbook: Harrison, Michael and Patric Waldron, *Mathematics for Economics and Finance*,
Routledge, Forthcoming

Topics

1. Systems of Linear Equations and Matrices
2. Determinants
3. Eigenvalues and Eigenvectors
4. Quadratic Forms and Definite Matrices
5. Vectors and Vector Spaces
6. Algebra and Geometry of Ordinary Least Squares
7. Macroeconomic Applications