

Linear Algebra

—Selected Problems

Carla M.A. Pinto, J.A. Tenreiro Machado

Linear Algebra—Selected Problems is a unique book for senior undergraduate and graduate students to fast review basic materials in Linear Algebra. Vector spaces are presented first, and linear transformations are reviewed secondly. Matrices and Linear systems are presented. Determinants and Basic geometry are presented in the last two chapters. The solutions for proposed excises are listed for readers to references.

Carla M.A. Pinto is an Adjunct Professor at the Institute of Engineering, Polytechnic Institute of Porto, Portugal. Her main research areas are Nonlinear Dynamics, Modeling, Epidemiology, Animal and Robot Locomotion, Fractional Calculus. She taught several curricular units since 1997, namely Algebra, Probability and Statistics, Calculus, Dynamical Systems, Graph Theory, amongst others.

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USPs

- Fundamentals in Linear Algebra
- Worked examples
- Proposed exercises
- Solutions for proposed exercises

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