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27 4.1 Linear Transformations Quiz 5: Gursky
Mar 1 4.2 Inner Products
4 4.4 Gram-Schmidt
6 4.5 Orthogonal Matrices, QR Decomposition Quiz 6: Liu
8 4.5 QR Decomposition ( <i>Review</i> )
9–17 Midsemester Break
18 4.7 Change of Basis, Similar Matrices
19 Exam II
20 5.2 Eigenvalues and Eigenvectors Review exam
22 5.3 Diagonalization
25 5.4 Symmetric Matrices
27 1.1–3 Intro to Differential Equations Quiz 7: Snow
29 Easter Holiday
Apr 1 Easter Holiday
3 2.1 Linear Equations Quiz 8: Gursky
5 2.2 Separable Equations
8 2.3 Modeling with Linear Equations
10 2.6 Exact Equations, Integrating Factors Quiz 9: Liu
12 3.1 Homogeneous Equations
15 3.2 Fundamental Solutions
17 3.3 Linear Independence, Wronskian Quiz 10: Snow
19 3.4 Complex Roots
22 3.5 Repeated Roots
23 Exam III
24 3.6 Non-homogeneous Equations Review exam
26 3.7 Variation of Parameters
29 3.7, 3.8 Mechanical Vibrations
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