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- * Phase plane analysis for systems of two linear equations
- * Use of equations of variation to approximate solutions
- * Fundamental matrices and Floquet theory for periodic systems
- * LaSalle invariance theorem
- * Additional applications: secant line method, Bison problem, juvenile-adult population model, probability theory
- * Appendix on the use of *Mathematica* for analyzing difference equations
- * Exponential generating functions
- * Many new examples and exercises



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