MAT230 Notes

Arjun Vardhan

1 Introduction

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2 Separable ODEs

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3 Exact ODEs and Integrating Factors

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4 Linear ODEs and Bernoulli's Equation

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5 Orthogonal Trajectories

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6 Existence and Uniqueness of Solutions

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7 Homogeneous 2nd Order Linear ODEs

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8 Homogeneous Linear ODEs with constant coefficients

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9 Euler-Cauchy Equations

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