**Integral Calculus and Ordinary Differential Equation**

Calculus– James Stewart - 8th edition

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|  | Change of variables in a Double Integral (P-1056) Example # 3 | P-1060 Ex # 23, 24 |  |  |
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**Differential Equations**

Paul Blanchard, Robert L. Devaney, Glen R. Hall (Fourth Edition)

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**Syllabus for Final exam -** Multiple Integrals; Application; Differential Equations: First Order Differential Equations; Formation of DE; Higher Order Ordinary Differential Equation (ODE); Forced Harmonic Oscillator; Sinusoidal Forcing; System of First Order ODE.