

## Problems for Practise for MTE 3 on Electrostatics

Ch 21 The Electric Field I. Discrete Charge Distributions  
(Charges and charging objects, Electric Force and Electric field (vectors), motion of charge in E-field)

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74

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85

Ch 22 The Electric Field II. Continuous charge distributions and Gauss' Law  
(E-field calculation for continuous charge distributions)

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Ch 23 The Electric Potential

(Electric potential for point charges and for continuous charge distributions)

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Ch 24 Electrostatic Energy and Capacitance

(calculations of capacitance for various geometries, stored energy, dielectrics in capacitors,

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105

84

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