

Chapter 8 TOC

8 Conservation Laws

8.1 Charge and Energy

8.1.1 The Continuity Equation

8.1.2 Poynting's Theorem

8.2 Momentum

8.2.1 Newton's Third Law in Electrodynamics

8.2.2 Maxwell's Stress Tensor

8.2.3 Conservation of Momentum

8.2.4 Angular Momentum