

Problem Set 7

Physics 322
Electrodynamics II

Due on Friday, March 22nd, 2024

Problem 1

Griffiths 8.15 — Finding the momentum stored in an electromagnetic configuration.

Problem 2

Griffiths 8.9 — Field angular momentum becomes mechanical.

Problem 3

Griffiths 8.4 — Using the Maxwell stress tensor to find the force acting on a particle.