

# Electromagnetic Theory II

## Problem Set 7

Due: 10 March 2021

25. J, Problem 7.15. This problem treats the interstellar medium as a plasma and explores what can be learned about the medium by observing light from a distant pulsar.
26. J, Problem 7.22. Applications of dispersion relations.
27. J, Problem 7.27. Angular momentum stored in EM fields.
28. J, Problem 8.2. TEM modes in a coaxial waveguide.