

Homework 6

Electromagnetic Waves

Ex. 6.1 – Superpositions of waves

Heald & Marion ex. 5-7

Ex. 6.2 – Product Theorem for time-dependent fields

Heald & Marion ex 5-6

Ex. 6.3 – Shielding at low frequencies

Heald & Marion ex 5-15

Ex. 6.4 – Radiation Pressure

Heald & Marion ex 5-9

Suggested Heald & Marion Problems for Further Study:

5-8,5-10