

Quiz II Review: Additional Summary

5. Reference Problems

Interference, interferometer:

HW3.2, 3.3 Interference

HW4.1 Mach-Zehnder Interferometer

HW4.2 Fabry-Perot Interferometer

HW5.3 Newton's rings

HW6.5 4F system with Biprism

2012 Quiz II. Lloyd Mirror Interferometer

4F system as spatial filter:

HW4.4 FT of an MIT seal with spatial filters: this is a visual example of how a transmission element placed at the Fourier plane of a 4F system can function as a low-pass or high-pass filter, although a 4F system was not mentioned in the problem itself.

HW6.4 4F system with T-shaped filter

HW6.5 4F system with Biprism

Grating

HW5.4 Triangular Grating

HW6.1 Grating Spectrometer

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