

2.57/2.570 Homework #9, Due 12:30, May 2, 2012

2.57 Problems 6.12, 6.13, 6.15, 7.4, 7.5

Read one of the following papers and write a one page report:

Hicks, L.D. and Dresselhaus, M.S., "Effect of Quantum-Well Structures on the Thermoelectric Figure of Merit," *Physical Review B*, Vol.47, pp. 12727-12731 (1993).

11), 2011.

Cercignani, C. and Daneri, A., "Flow of a Rarefied Gas between two Parallel Plates," *Journal of Applied Physics*, Vol. 34, pp. 3509-3513 (1963).

2.570 Problems 6.12, 6.13, 6.15, 7.5

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2.57 / 2.570 Nano-to-Macro Transport Processes
Spring 2012

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