Johannes Zimmer 2001-2002

AM 125c

Engineering Mathematical Principles

References on Reserve at Sherman Fairchild Library

[1] R. Courant and D. Hilbert. *Methods of mathematical physics. Vol. II.* John Wiley & Sons Inc., New York, 1989. Partial differential equations, Reprint of the 1962 original, A Wiley-Interscience Publication.

[2] Lawrence C. Evans. *Partial differential equations.* American Mathematical Society, Providence, RI, 1998.

[3] Fritz John. *Partial differential equations.* Springer-Verlag, New York, fourth edition, 1991.

Further Reading

[1] Gerald B. Folland. *Introduction to partial differential equations.* Princeton University Press, Princeton, NJ, second edition, 1995.

[2] I. M. Gelfand and S. V. Fomin. *Calculus of variations.* Prentice-Hall Inc., Englewood Cliffs, N.J., 1963.

[3] Cornelius Lánczos. *The variational principles of mechanics.* University of Toronto Press, Toronto, Ont., fourth edition, 1970. Mathematical Expositions, No. 4.

[4] Michael Renardy and Robert C. Rogers. *An introduction to partial differential equations.* Springer-Verlag, New York, 1993.