Appendix H

Recommended Reading
Books used in making this book

General mathematics

I.N. Bronshtein, K.A. Semendyayev, *Handbook of Mathematics,* 1979
 Decription

K. Devlin, *Mathematics: The Science of Patterns*, 1997
 Description

T. Garrity, *All the Mathematics You Missed*, 2001
 But need to know for graduate school.

T. Gowers (ed.), *The Princeton companion to mathematics,* 2008
 Descriptive text.

S. Hewson, *A mathematical bridge*, 2009
 Descriptive text.

S. Wolfram, *Mathematica,* 1991
 A System for Doing Mathematics by Computer.

History of mathematics and philosophy

G. Joseph, *The Crest of the Peacock*, 2010
 A book about the non-European roots of mathematics

M. Kline, *Mathematical Thought from Ancient to Modern Times,* 1990
 Description

B. Russel, *History of Western Philosophy, 1946*
 Description

J. Stillwell, *Mathematics and its history*, 2010
 Description.

Foundations of mathematics

G, Hunter, *Metalogic An Introduction to the Metatheory of Standard First Order Logic, 1971*

Discrete mathematics

L.–C. Böiers, *Diskret matematik, 2003*
Swedish student literature on discrete mathematics.

R. Graham, D. Knuth, O. Patashnik, *Concrete mathematics,* 1994
Description

Neural networks

S. Haykin, *Neural Networks and Learning Machines,* 2009
Descritiom

J. Hertz, A. Krogh, P. Palmer,
Introduction to the theory of neural computation, 1991
Description