

UC 3 Mathematics and Poetry (MA 3 / EL 38)

Sources for further reading on mathematics and mathematicians...

On mathematics:

E.B. Burger and M. Starbird. *The Heart of Mathematics. An invitation to effective thinking.* Key College Publishing, Emeryville CA, 2000.

T.W. Körner. *The Pleasures of Counting.* Cambridge University Press, New York, 1996.

Ian Stewart. *From Here to Infinity.* (formerly titled *The Problems of Mathematics*). Oxford University Press, New York, 1992.

W.W. Rouse Ball and H.S.M. Coxeter. *Mathematical Recreations and Essays.* Dover Publications, New York, 1987.

G. Polya. *Mathematics and Plausible Reasoning. Volume 1: Induction and Analogy in Mathematics. Volume 2: Patterns of Plausible Inference.* Princeton University Press, Princeton, 1964 and 1968.

G. Polya. *How to solve it.* Princeton University Press, Princeton, 1945.

On mathematicians:

Freeman J. Dyson. *Disturbing the Universe.* Harper & Row, New York, 1979.

G.H. Hardy. *A Mathematician's Apology.* Cambridge University Press, London, 1967.

W.P. Thurston. On proof and Progress in Mathematics. *Bull. Amer. Math. Soc.* **30** (1994) 161–177.

These books have been placed on course reserve in the mathematics library. The last article is linked to the course page.