## Bibliography

- [1] David M Burton. Elementary Number Theory. McGraw-Hill, 1998.
- [2] Peter J Cameron. Combinatorics: Topics, Techniques and Algorithms.

  Cambridge University Press, 1994.
- [3] J M Child. Theorems on factorials and homogeneous products derived from a theorem of Lagrange. *Mathematical Gazette*, Vol~12~(No~171):~pages~158–160, March 1924.
- [4] Complicite. A disappearing number [online]. 2007. Available from: http://www.complicite.org/productions/detail.html?id=43.
- [5] Stan Dolan. *Discrete Mathematics I*. Cambridge University Press, 2000.
- [6] Martin Griffiths. How many children? *Mathematical Gazette*, Vol~90~(No~146):~pages~146–149, March 2006.
- [7] G H Hardy and E M Wright. *An Introduction to the Theory of Numbers*. Oxford University Press, 1979.
  - [8] Paul Hoffman. *The Man Who Loved Only Numbers*. Fourth Estate, 1998.
- [9] Robert Kanigel. The Man Who Knew Infinity. Abacus, 1999.
- [10] Donald E Knuth. *The Art of Computer Programming*, volume 1. Addison-Wesley, 1968.
- [11] Andrew Lobb. Deriving the nth Catalan number. *Mathematical Gazette*, Vol $\sim$ 83 $\sim$ (No $\sim$ 496): $\sim$ pages $\sim$ 109–110, March 1999.

- [12] John J O'Connor and Edmund F Robertson. The MacTutor history of mathematics [online]. Available from: http://www-groups.dcs.st-and.ac.uk/~history/.
- [13] H E Rose. A Course in Number Theory. Oxford University Press, 1994.
- [14] N J A Sloane. The on-line encyclopedia of integer sequences [online]. Available from: http://www.research.att.com/~njas/sequences/.
- [15] Richard Stanley and Eric W Weisstein. Catalan number. From MathWorld—A Wolfram Web Resource. Available from: http://mathworld.wolfram.com/CatalanNumber.html.
- [16] Eric W Weisstein. Wolstenholme's theorem. From MathWorld—A Wolfram Web Resource. Available from: http://mathworld.wolfram.com/WolstenholmesTheorem.html.
- [17] Wikipedia contributors. Pascal's pyramid. Wikipedia, The Free Encyclopedia, 2007. Available from: http://en.wikipedia.org/w/ index.php?title=Pascal%27s\_pyramid&oldid=177010988.