1077-01-423Andrew P Hodges\* (andrew.hodges@wadh.ox.ac.uk), Wadham College, University of Oxford,<br/>Parks Road, Oxford, OX1 3PN, England. Alan Turing: The creative power of<br/>mathematics. Preliminary report.

Alan Turing's work had great consequences for the engineering of computers and for the philosophy of mind. Discussions of his work have often emphasised these outcomes, and have neglected their roots in mathematical knowledge and culture. This talk will give a picture of Alan Turing as a mathematician with a remarkably broad scope, illustrating some less well-known aspects of his interests and achievements. (Received August 31, 2011)