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May 1999

Issue 8

## features...

On 11th August 1999 a total eclipse of the Sun will be visible from parts of the UK. It will provide a spectacular display, but why is the Sun so interesting? **Helen Mason** explains.



### The art of numbers

At the Hewlett Packard campus in Bristol, a group of keen researchers are bringing together the worlds of advanced mathematics and fine art. **Kona Macphee** investigates.



### Radio controlled?

We take reliable radio communications for granted, but accommodating many different users is not easy.

**Robert Leese** explains how the mathematics of colouring graphs can help avoid interference on your mobile phone.



### The origins of proof II : Kepler's proofs

features...

## Plus Magazine

Johannes Kepler (1571–1630) is now chiefly remembered as a mathematical astronomer who discovered three laws that describe the motion of the planets. **J.V. Field** continues our series on the origins of proof with an examination of Kepler's astronomy.



### Career interview: Theoretical Physics Researcher

Francesco Mezzadri from Italy and Nina Snaith from Canada are PhD students in Applied Mathematics at the University of Bristol. They are also affiliated with Hewlett Packard's BRIMS Laboratory. PASS Maths went to visit them there.



*Plus* is part of the family of activities in the Millennium Mathematics Project, which also includes the NRICH and MOTIVATE sites.