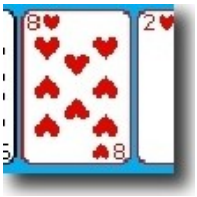
May 1997
Issue 2

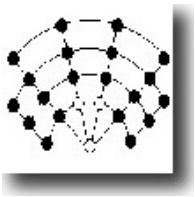
Find out how modern telephone networks use mathematics to make it possible for a person to dial a friend in another country just as easily as if they were in the same street, or to read web pages that are on a computer in another continent.

Agner Krarup Erlang (1878 − 1929)
The mathematics underlying today's complex telephone networks is still based on his work. Erlang was the first person to study the problem of telephone networks.

Testing Bernoulli: a simple experiment
Here is an experiment that you can easily do yourself to test Bernoulli's equation. There are also 2 questions and answers.



Are the polls right?
The British General Election (May 1997) is an example of how simple mathematical ideas help in understanding information that involves numbers.



What mathematicians get up to
After 5,000 years, the game of Nine Men's Morris has succumbed to the power of modern computing, plus other recent mathematical discoveries in the world of games.

Student interviews
Read about two students at Keele University. ***Christine Vretta*** is doing Joint Honours Maths and Physics, and ***Steve Smith*** is doing Joint Honours Maths and Computer Science.

Career interview − Accountant
We talk to ***Tim Pilkington***, a keen basketball player, who has a joint honours BSc in Maths, Physical Education and Sports Science from Loughborough University. Tim has worked as a mathematics teacher and is now working as an accountant.

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