
TechWatch Courseware News

More info from TechWatch online at <http://itsn.mathstore.gla.ac.uk/news/techwatch.asp>

Maple 9 is now shipping...The newest features that particularly help to make Maple 9 the most open and accessible math software system available include: Integration of new NAG routines; Code generation for MATLAB and Visual Basic.

Mathcad 11 Premium Upgrade...You can now upgrade to new Mathcad 11 single-user and get £1998 worth of technical software for just £199 (you get Axum 7, SmartSketch 4, VisSim Plus and the Mathcad Solving and Optimisation Extension Pack at no extra cost!)

Now Available on CD-ROM: Calculus&LiveMath!...The award-winning Calculus&Mathematica has been converted to Calculus&LiveMath to run on the LiveMath software platform. Book 1 is available on CD-ROM, and contains - Entire set of courseware for Calculus I in LiveMath notebooks - Teacher and Student Editions available - Teacher Edition includes focus points and student exploration suggestions as well as a full solution manual. Prices are: \$45 per CD Student Edition, \$99 per CD Teacher Edition.

Conquer the AP Calculus Exam CD-ROM...A new CD-ROM featuring over 100 QuickTime videos of solutions to the practice AP Calculus exam and LiveMath interactives, demonstrating and examining various problems from the practice AP Calculus exam.

Mathematica 5 launched by Wolfram...Wolfram Research will be celebrating its 15th anniversary of Mathematica with the release of Mathematica 5. Wolfram are offering half price upgrades to Mathematica 5, if you purchase Premier Service at the same time.

A New Kind of Science Explorer...Mathematica Kit released by Wolfram A New Kind of Science Explorer: Mathematica Kit (NKS Explorer: MK) will greatly assist those interested in researching the world of simple programs and sharing their discoveries with others.

webMathematica 2.0 just released...offering easier installation and development, faster construction of pages, and increased performance.

NEW SchematicSolver released...For drawing and solving systems represented by schematics, use the new SchematicSolver—the first mouse-driven, interactive drawing tool based entirely on Mathematica.

Geometrica02 introduces new features...that let you do exact drawings, analytical geometry, and tests.

MATLAB Homework Helper...This new area of the MathWorks Web site helps students solve math problems using MATLAB and other products. Examples include the physics of baseball, the math behind bungee jumping, and many more.

RiskQ 4.2 released...RiskQ 4.2 from Loehle Enterprises puts users in control of their data for modeling, statistical analysis, and event prediction.

UMTC

Undergraduate Mathematics
Teaching Conference

1-3 Sep 2003

**You can still
register!!!**

The Undergraduate Mathematics Teaching conference is a working conference that provides an opportunity for lecturers and others interested in mathematics in Higher Education to share ideas concerning undergraduate teaching, learning and assessment.

Fees for UMTC are £260 (with two nights accommodation) or £175 (excluding accommodation).

More details are available at the UMTC website:

<http://www.umtc.ac.uk>

The specifications for the briefs include:

- 1: Developing effective strategies for teaching engineering mathematics to mixed ability groups
- 2: Assessing students well
- 3: Mathematics and Virtual Learning Environments
- 4: Mathematicians As Educational Co-Researchers
- 5: Financial mathematics
- 6: The probability problem
- 7: Action Research: Responsive Programme design
- 8: The impact of hand-held technology on the teaching, learning & assessment of mathematics