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{Previous article was here - see below}

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## TechWatch Courseware News

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

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**LiveMath Maker 3.5.4 is now available:** Improvements and fixes include: Collect now really collects common factors, even the harder ones. Factor had an issue where it tried too hard on some complicated, multi-variable polynomials. Factor now tries the right amount, and works well with the improved Collect feature to crack even more polynomials. Calculate Limits have been improved.

**NEW Mathematica Information Center and Graphics Gallery from Wolfram:** The new Mathematica Information Center is a collection of nearly five thousand Mathematica programs and documents categorized for easy browsing and searching.

**Operations Research v3 is out:** v 3.0 of Operations Research, a Mathematica application package for constrained optimization, is available from Wolfram.

**Maple T.A.v1.2 is now available from Adept Scientific:** Maple T.A. provides schools with a complete infrastructure for creating, administering and grading free-form, online mathematics exams and assignments. Maple T.A. grades an assignments with the Maple engine, the most trusted software for exploring mathematics and developing mathematical applications. Randomization of questions in order to hinder cheating and encourage repetition of exercises. It also lets instructors include free-form mathematics questions on

assignments, even when there are thousands of students in the class.

**Word2TeX and TeX2Word products out from Chikrii Softlab Ltd:** Word2TeX is a converter designed in order to use with Microsoft Word and enables Microsoft Word to save documents in LaTeX format. TeX2Word is a converter designed in order to use with Microsoft Word and enables Microsoft Word to open TeX/LaTeX documents.

**TeX2XML project from Chikrii Softlab Ltd:** aims to develop tools for converting From TeX/LaTeX to XML+MathML (including XHTML+MathML or any other XML-based markup language)

**MathOCR project from Chikrii Softlab Ltd:** Development work on optical recognition of mathematical expressions (both written by hand and printed) has been successful after two years.

**Control System Professional Suite released by Wolfram:** Designed for professionals, researchers, educators, and students using control theory and its applications.

**MathML input improved in Perception:** Perception V3.3.1 was recently released complete with a new wizard that both simplifies and improves the way Math ML can be added to questions.