

Computer Algebra in Online STEM Education

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Maplesoft and the Faculty of Mathematics at the University of Waterloo have recently entered into a collaboration to produce a stream of online STEM courses based on the Möbius [1] platform. The Faculty of Mathematics already offers one completely online degree, the Master of Mathematics for Teachers, as well as online sections of many core courses. The Möbius platform is now being used to enhance the interactivity of online course assets and to allow fine-grained student evaluation. The present talk describes the main issues in developing the new online degrees.

References

- [1] Maplesoft, *Online courseware environment that puts STEM first*, <http://www.maplesoft.com/products/Mobius/> (2016)