Web-based online learning and assessment of mathematics

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There are several factors driving the need for online tools in the teaching and delivery of undergraduate mathematics: decreasing mathematical skill and knowledge levels in the student cohort, increasing class sizes and demand by students for increased flexibility. The last few years have seen the development of a range of web-based tools that offer a flexible, easily-accessible and interactive environment. In this paper we report on one such tool used in the online learning and assessment of mathematics, known by the acronym AIM.