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Steen, Lynn Arthur

Refractions, reflections, recombinations: democratizing mathematics for mass education.

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Two powerful currents affect collegiate mathematics at the beginning of the 21st century: the growing world-wide emphasis on universal access to post-secondary education and the extraordinary spread of mathematical methods to fields as diverse as cinema and genomics. Paradoxically, as the importance of mathematics grows and its utility expands, so does competition for mathematically-minded students. To thrive, mathematics must diversify and democratize, allowing students access to its unique and powerful benefits from many different angles.

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