

Making a Splash

The interplay of water, light, and music in some modern fountains is magical to behold, and mathematics is part of that magic. Geometry is used in the overall design, mathematical modeling simulates the fluid-particle interactions, and powerful algorithms drive the software that coordinates thousands of valves and lights through the numerous sequences in a typical show.

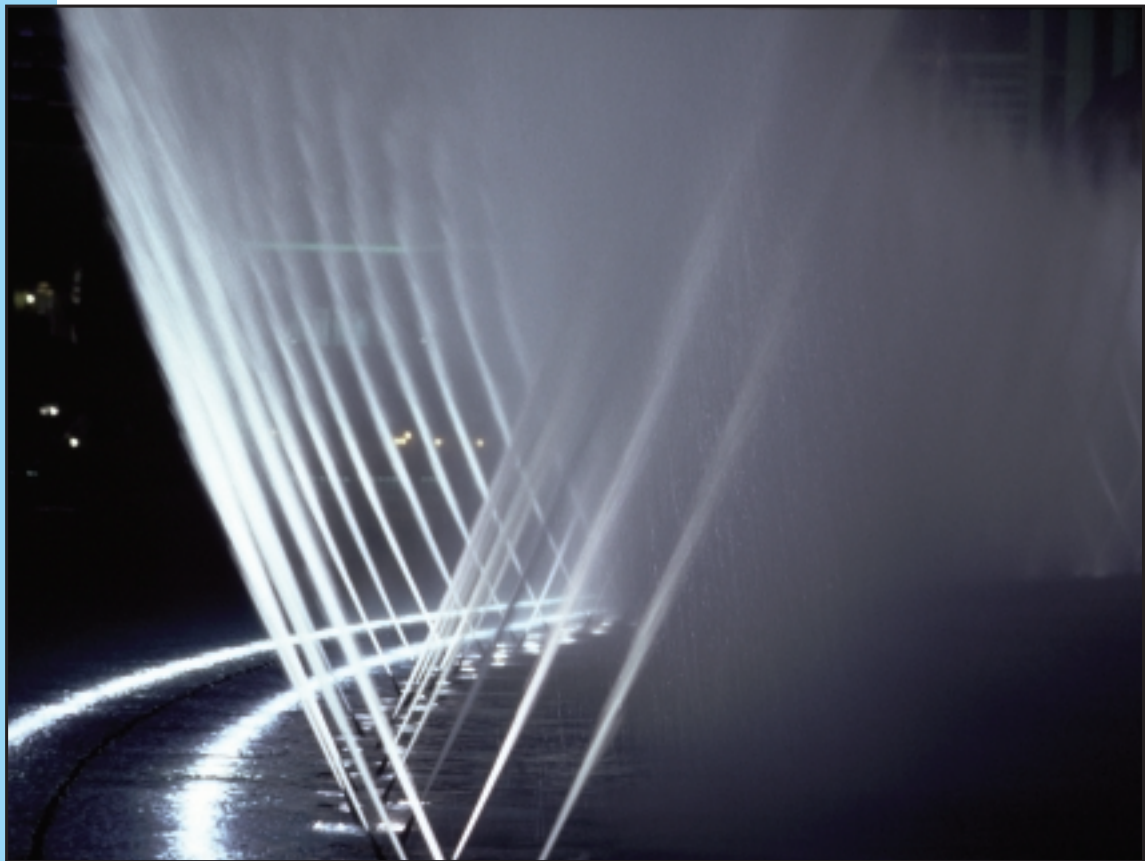


Photo by Ira Kahn for WET Design.



The *Mathematical Moments* program promotes appreciation and understanding of the role mathematics plays in science, nature, technology, and human culture.

www.ams.org/mathmoments