



Being a Better Sport

From designing uniforms with less drag to adjusting the angle at which an athlete launches a javelin, mathematics helps improve sports performance. Differential equations and vector analysis play important roles in determining optimum mechanics in a sport, as does numerical analysis when equations can't be solved exactly. Many fields of mathematics are providing legitimate tools that allow athletes to use mind and body to go swifter and higher.



Image courtesy of PRNewswire



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

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