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# Mathematical Excursions

**Marco Cascella**

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For example sending information across the Internet is better understood when one understands prime numbers the perils of radioactive waste take on new meaning when one understands exponential functions and the efficiency of the flow of traffic through an intersection is more interesting after seeing the system of traffic lights represented in a mathematical form

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K. Clegg,2012-01-19 Important Notice Media content referenced within the product description or the product text may not be available in the ebook version **Mathematical Excursions** Richard N. Aufmann,2003-03 A new text for the liberal arts

math course by a seasoned author team Mathematical Excursions is uniquely designed to help students see math at work in the contemporary world Using the proven Aufmann Interactive Method students learn to master problem solving in

meaningful contexts In addition multi part Excursion exercises emphasize collaborative learning The text's extensive topical coverage offers instructors flexibility in designing a course that meets their students needs and curriculum requirements The Excursions activity and corresponding Excursion Exercises denoted by an icon conclude each section providing opportunities

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**Mathematical Excursions to the World's Great Buildings** Alexander J. Hahn,2012-07-22 How mathematics helped build the world s most important buildings from early Egypt to the present From the pyramids and the Parthenon to the Sydney Opera House and the Bilbao Guggenheim this book takes readers on an eye opening tour of the mathematics behind some of the world s most spectacular buildings Beautifully illustrated the book explores the milestones in elementary mathematics that enliven the understanding of these buildings and

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