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Marc Chamberland* (chamber1@math.grinnell.edu), Department of Mathematics, Grinnell College, Grinnell, IA 50112. *The Many Faces of Pi*.

The number Pi has been analyzed, calculated, and in a few cases, nearly worshipped for the last 4000 years. This lecture looks not only at the mathematical aspects of Pi (representations with infinite series, connections to e and the Fibonacci numbers, digit extraction, dynamical systems, etc) but also the community of thinkers it has intersected (such as Euler, Ramanujan, the Chudnovsky brothers, and Mr. Spock). (Received May 09, 2005)