

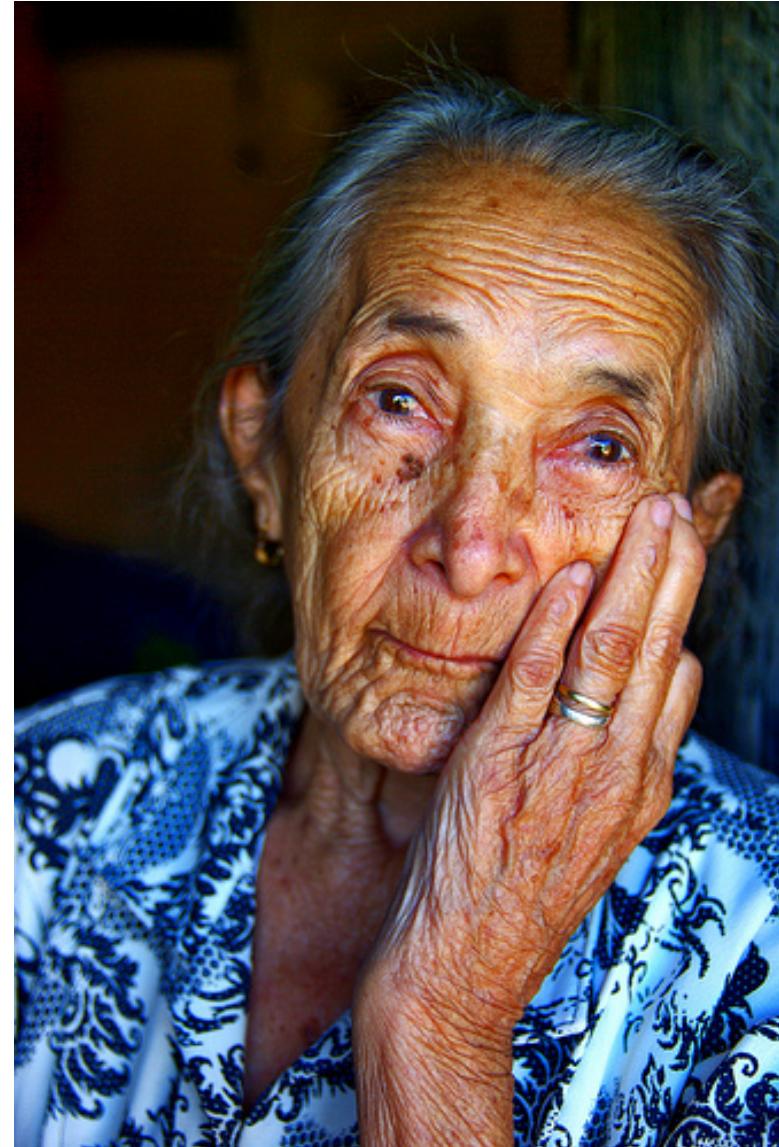
Pi

PowerPointGenerator

January 19, 2010

Fundamentals

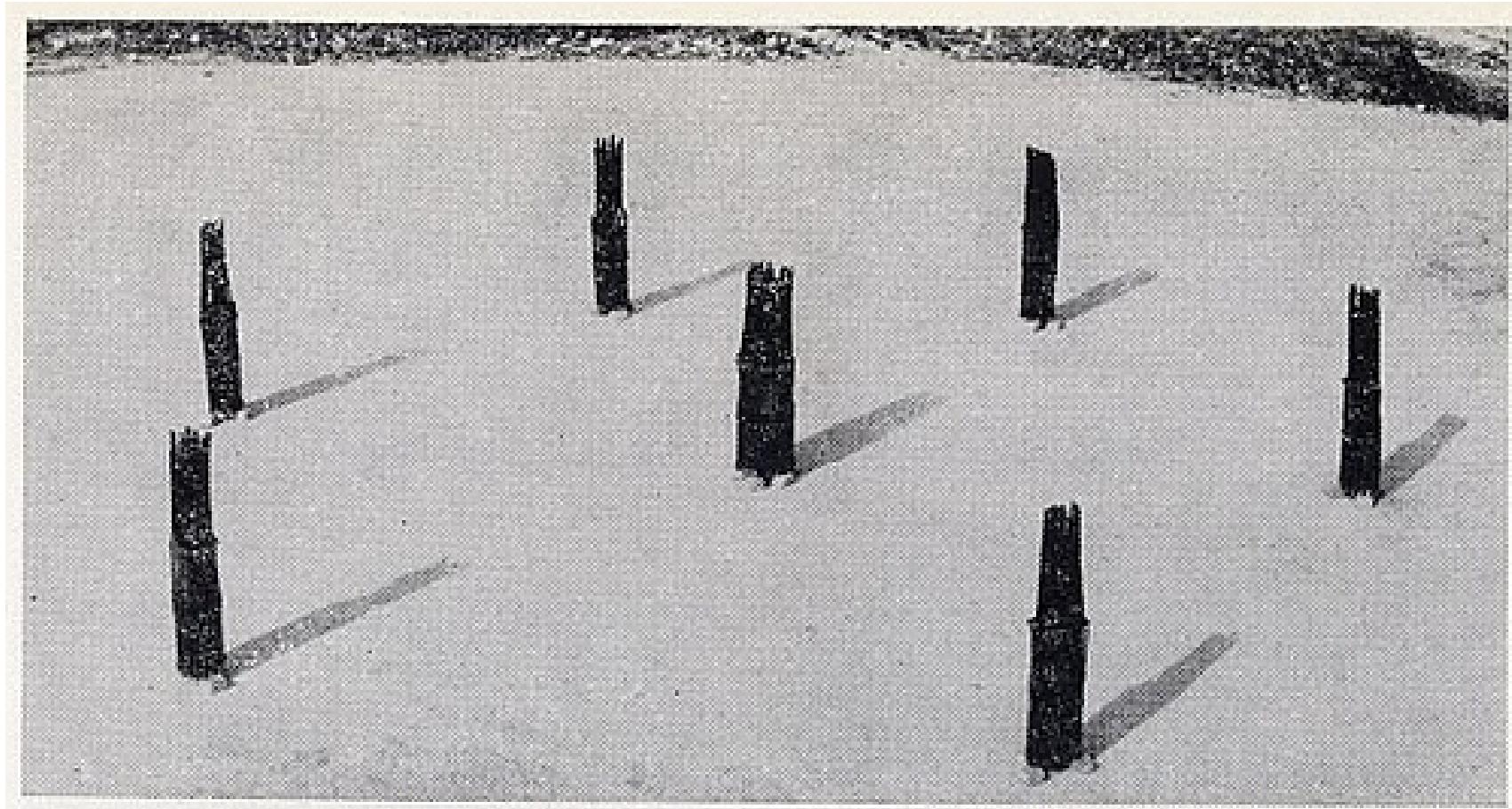
Bush singing the digits of π to music,
beginning with "3.



History

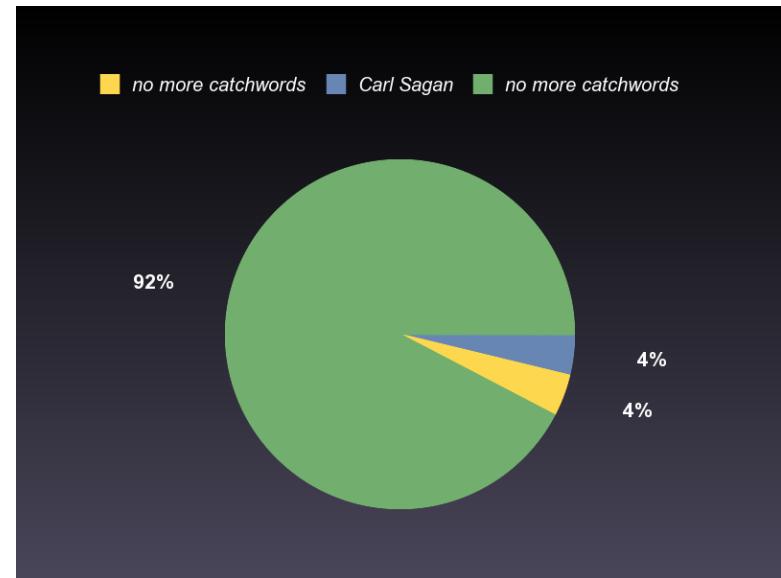
- ▶ Cut-the-knot
- ▶ Gullette
- ▶ PlanetMath
- ▶ Enter
- ▶ Wolfram Alpha
- ▶ Site
- ▶ Proof that $22/7$ exceeds
- ▶ Sean
- ▶ List of topics related to
- ▶ The
- ▶ Indiana Pi Bill
- ▶ Pi
- ▶ Feynman point

History

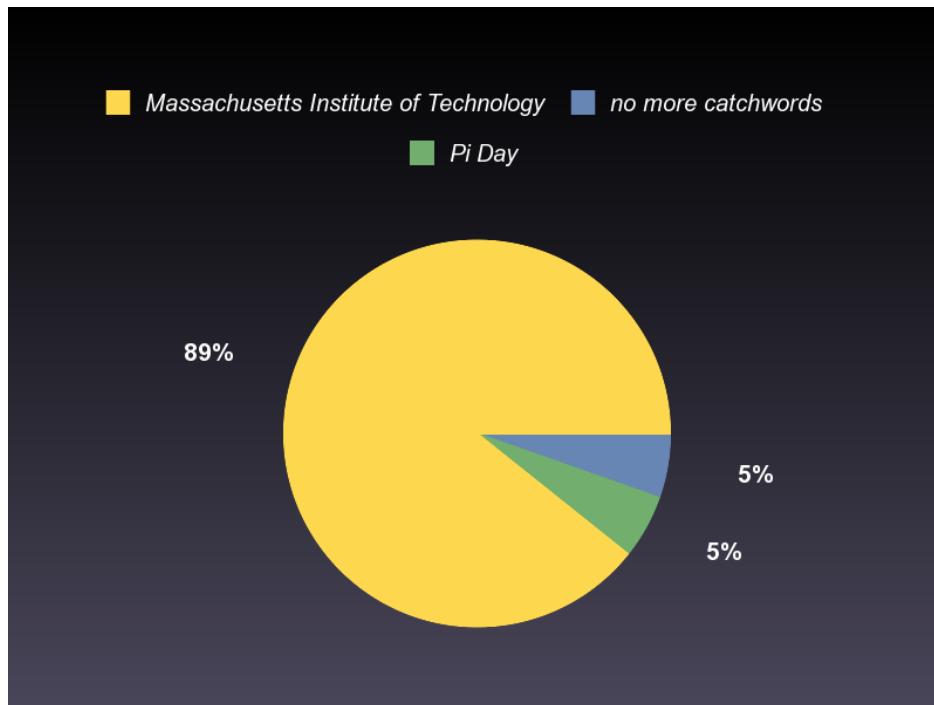


History

The album contains the song ""
whose lyrics consist principally of Ms

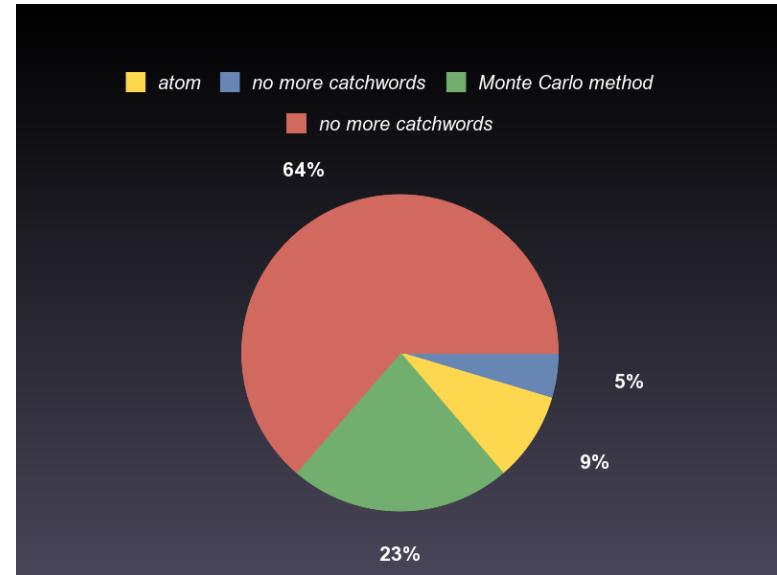


Advanced properties



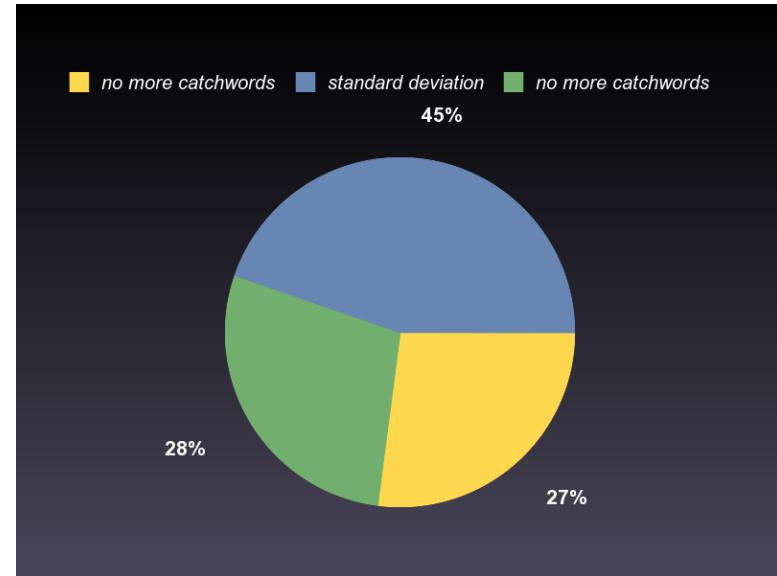
Advanced properties

- ▶ no more catchwords
- ▶ ox-bow lake
- ▶ no more catchwords



Use in mathematics and science

- ▶ Buffon's needle
- ▶ no more catchwords
- ▶ Cauchy distribution



In popular culture



Título: 'TORRE' by Nestor Galina

In popular culture

- ▶ mean
- ▶ no more catchwords
- ▶ normal distribution
- ▶ no more catchwords

The letter

- ▶ probability density function
- ▶ no more catchwords
- ▶ statistics
- ▶ no more catchwords
- ▶ probability

Definition

- ▶ no more catchwords
- ▶ mass
- ▶ no more catchwords
- ▶ semimajor axis



Definition

	no more catchwords
1907	124.0 km
1987	124.0 km
1937	7296224.0 km
1955	3.14 km
1990	2005.0 km

Definition

B5.[ref](http://www.independent.co.uk/news/science/the-big-question-how-close-have-we-come-to-knowing-the-precise-value-of-pi-1861197.html)<http://www.independent.co.uk/news/science/the-big-question-how-close-have-we-come-to-knowing-the-precise-value-of-pi-1861197.html> The Big

Question: How close have we come to knowing the precise value of pi?

The Independent, 8 January

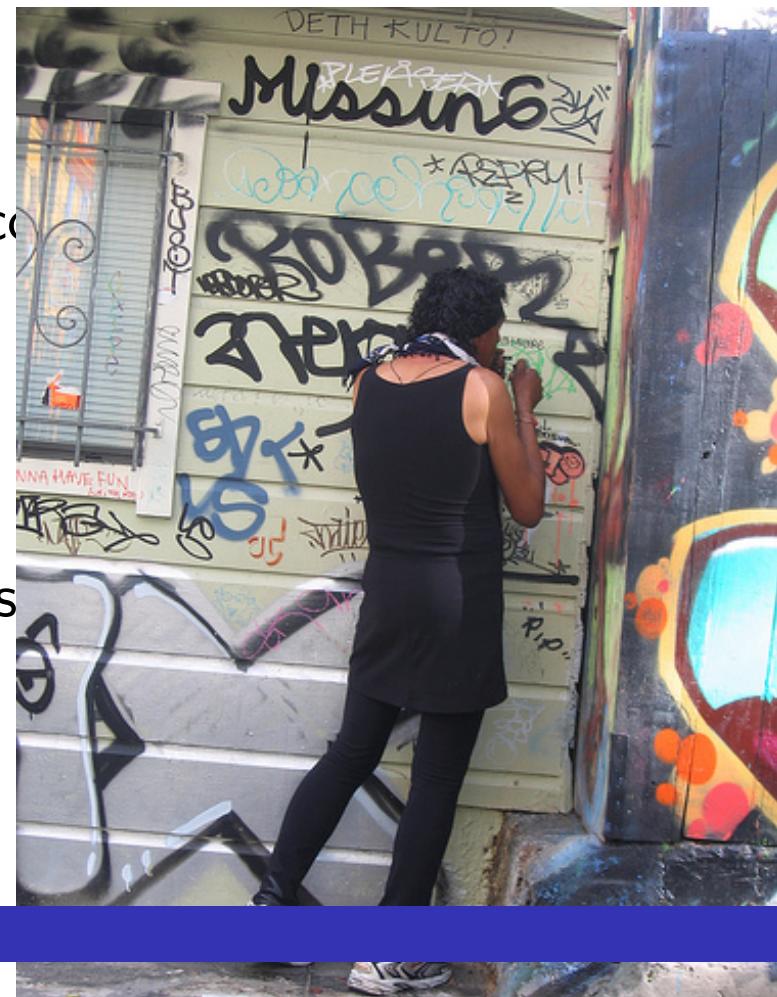
2010.[ref](http://www.timesonline.co.uk)<http://www.timesonline.co.uk>

Pi, a mathematical story that would take 49,000 years to tell.[Pi Day](#) (March 14, from 3.14) is observed in many

schools.[ref](http://www.piday.org/discuss)<http://www.piday.org/discuss>

what-are-the-most-successful-pi-day-activities Pi Day activities.[At](#)

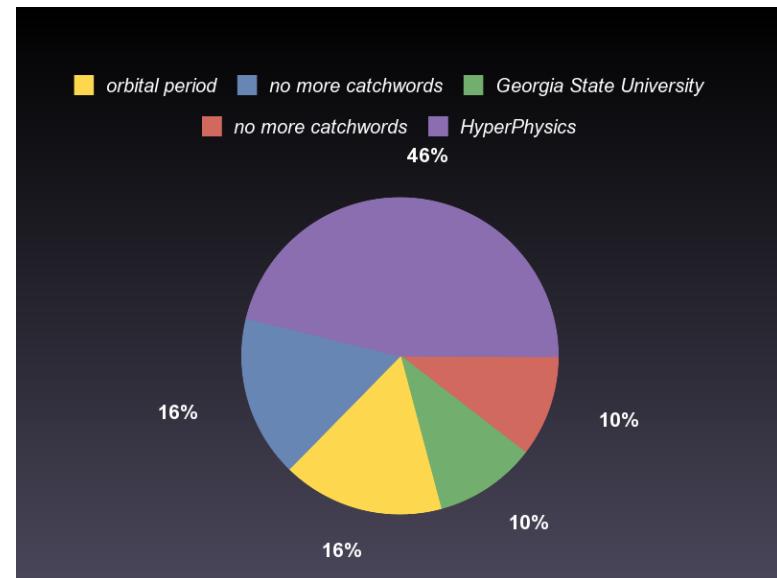
least one cheer at the Massachusetts Institute of Technology includes



978433.e

Irrationality and transcendence

Wrench, Jr.: Mathematician Had a Taste for Pi" The Washington Post, March 25, 2009, p



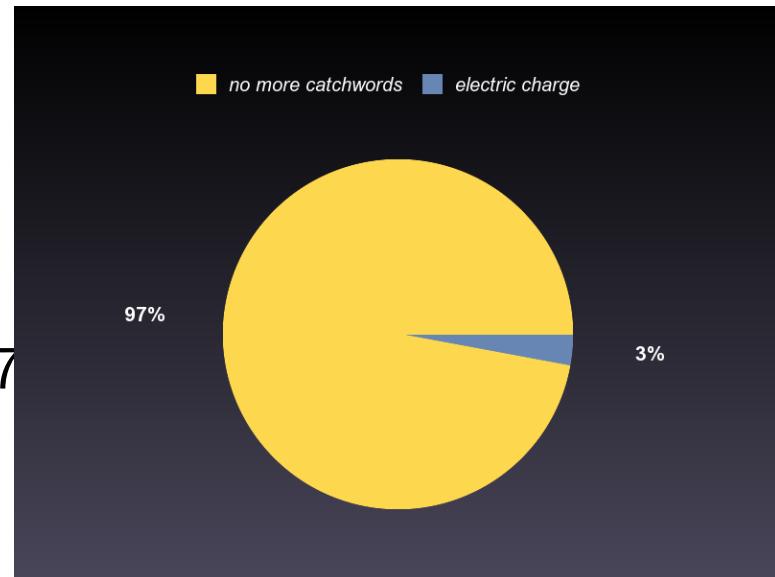
Decimal representation

ISBN 978-1-59102-200-8.[\[ref\]](#)

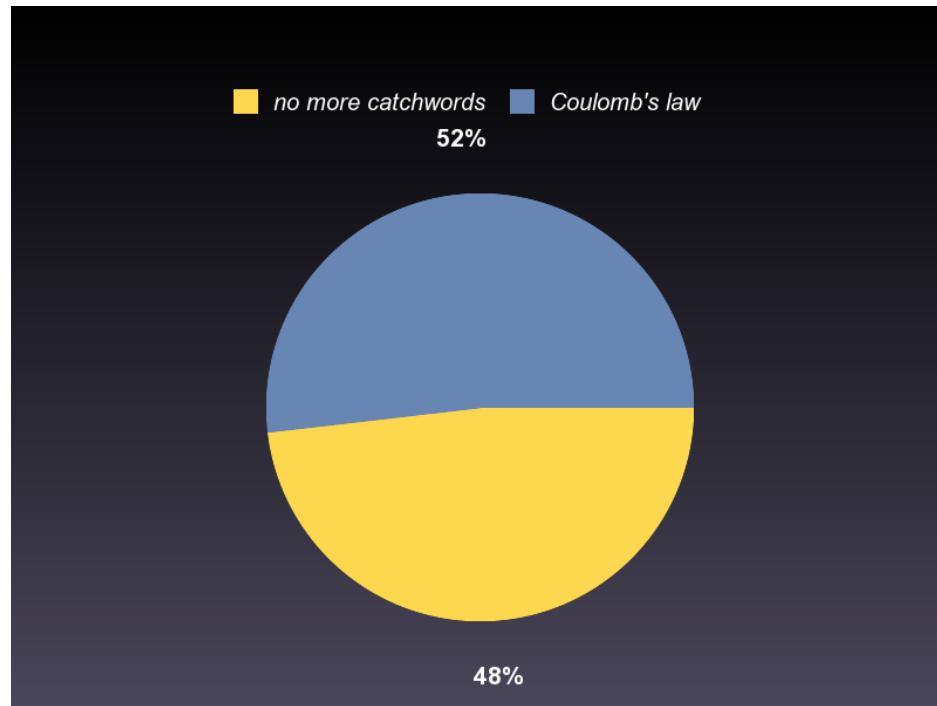
Reports on the latest, most-precise calculation of (and related stunts) are common news items.[\[ref\]](#) E.g., MSNBC,

<http://www.msnbc.msn.com/id/8456677>

Man recites pi from memory to 83,431 places July 3, 2005; Matt Schudel, Obituaries: "John W



Estimating



Estimating

- ▶ no more catchwords
- ▶ Annalen der Physik
- ▶ no more catchwords
- ▶ general relativity
- ▶ no more catchwords
- ▶ University of Oregon



Estimating



Links

- ▶ <http://www.imdb.com/title/tt0138704/>
- ▶ <http://pi.ytmnd.com/>
- ▶ <http://en.wikipedia.org/wiki/Pi>
- ▶ http://www.super-computing.org/pi-decimal_current.html

Questions

Questions?