The √Radical

Mondays @ 5PM ▪ Lockett Hall 3rd Floor Lounge
October 10, 2016

Historic portrait of Euler by Jakob Emanuel Handmann
Courtesy of Wikipedia Commons

Mathematician of the Week: Leonhard Euler

Leonhard Euler was a Swiss mathematician, and is considered to be one of, if not the most, influential mathematicians of all time. His work spans countless topics in numerous subjects, including analysis, number theory, graph theory, physics and even music theory.

Euler was born on April 15, 1707 in Basel, Switzerland to a religious family. In his childhood, he was good freinds with the Bernoulli family, and the legendary Johann Bernoulli himself would go on to become a huge influence in Euler's mathematical career. By age thirteen, he was already enrolled at the Univeristy of Basel, and by age sixteen he had received a Master of Philosophy degree.

Despite many hurdles during his life, including the onset of blindness, Euler remained unbelievably productive. He could recite the entirety of the Aeneid, and later in his career he produced, on average, a mathematical paper every week.

His most notable contributions include Euler's identity, which is considered by many mathematicians to be the most beautiful formula in the world, the early development of graph theory in his solution to the Seven Bridges of Königsberg problem, the introduction of the concept of a function, and the popularization of many common pieces of mathematical notation (including i for the imaginary unit, π for pi, and $f(x)$ for a function of x.

In contemporary mathematics Euler's work in number theory is still considered cutting-edge, as his product formula for the Reimann zeta function remains one of the most studied mathematical concepts.

Computational Mathematics Seminar

Xiaoliang Wan, Louisiana State University
Tuesday, October 11 @ 3:30PM
Digital Media Center Room 1034

Topic: Small random perturbations of eliptic problems

Graduate Student Algebra and Number Theory Seminar

Lucius Schoenbaum, Louisiana State University
Thursday, October 13 @ 3:30PM
Lockett Hall Room 233

Topics: Cartesian Closed Categories and Lambda Calculus

Executive Board

President	Chandler McArthur
Vice President	Jeremy Alcanzare
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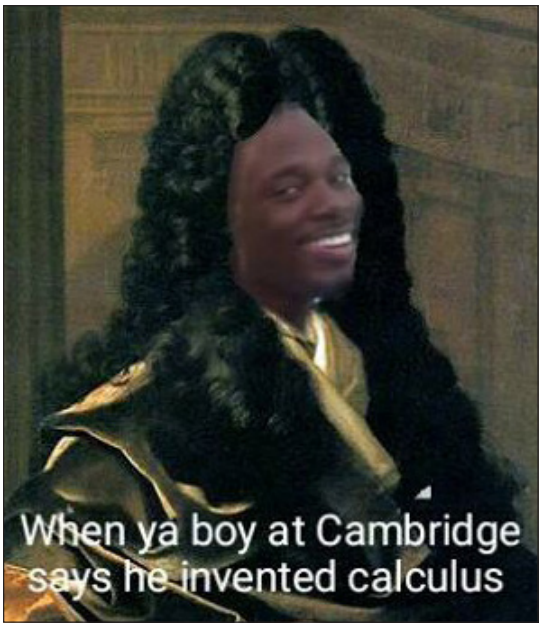
Suggestion of the Week:

Seniors should start seriously looking into their graduate school applications around now. Draft a personal statement and connect with professors whom you'd ask for a recommendation.

Your Math Club President,
Chandler McArthur



Historic representation of Leibniz's reaction to Newton's discoveries.
Courtesy of Mathematical Mathematics Memes

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