CONTINUED FRACTIONS

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Continued fractions $a + (1/(b + 1/(c + 1/d + ...)))$ provide a fun way to represent real numbers. In this talk we compare continued fraction and standard decimal representation of real numbers ($x = a + b/10 + c/100 + d/1000 + ...$). We explain how to find a continued fraction representation of a given number and discuss which number have finite or periodic continued fractions.