



Number Theory Seminar

Modular equations and approximations to $1/\pi$.

By

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Abstract: In this talk we will describe Ramanujan's method of finding fast converging infinite series representations for $1/\pi$ by using explicit evaluations of some modular functions. I will introduce modular equations, class invariants and give examples of some of Ramanujan's derivations together with some recent work on the subject.

Date: Tuesday, October 8, 2024

Time: 13:30

Place: SA-Z19