

Radical Pi Presents: A Vitaly Bergelson Talk

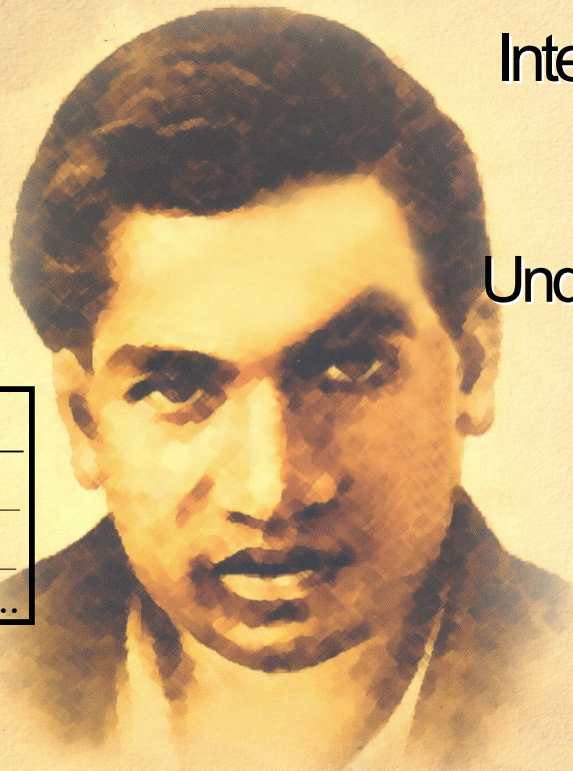
SRINIVASA RAMANUJAN

and His Beautiful Formulas

$$3 = \sqrt{1 + 2\sqrt{1 + 3\sqrt{1 + 4\sqrt{1 + \dots}}}}$$

$$\frac{1}{1 + \frac{1}{1 + \frac{2}{1 + \frac{3}{1 + \frac{4}{1 + \dots}}}}} = \sqrt{\frac{\pi e}{2}}$$

$$\frac{e^\pi - 1}{e^\pi + 1} = \frac{\pi}{2 + \frac{\pi^2}{6 + \frac{\pi^2}{10 + \dots}}}$$



Interested in Beautiful Mathematics??

5 PM Wednesday Oct. 5

Undergraduate Math Lounge (MA 052)

FREE PIZZA!!



$$\sqrt[3]{\cos \frac{2\pi}{7}} + \sqrt[3]{\cos \frac{4\pi}{7}} + \sqrt[3]{\cos \frac{8\pi}{7}} = \sqrt[3]{\frac{5 - 3\sqrt[3]{7}}{2}}$$