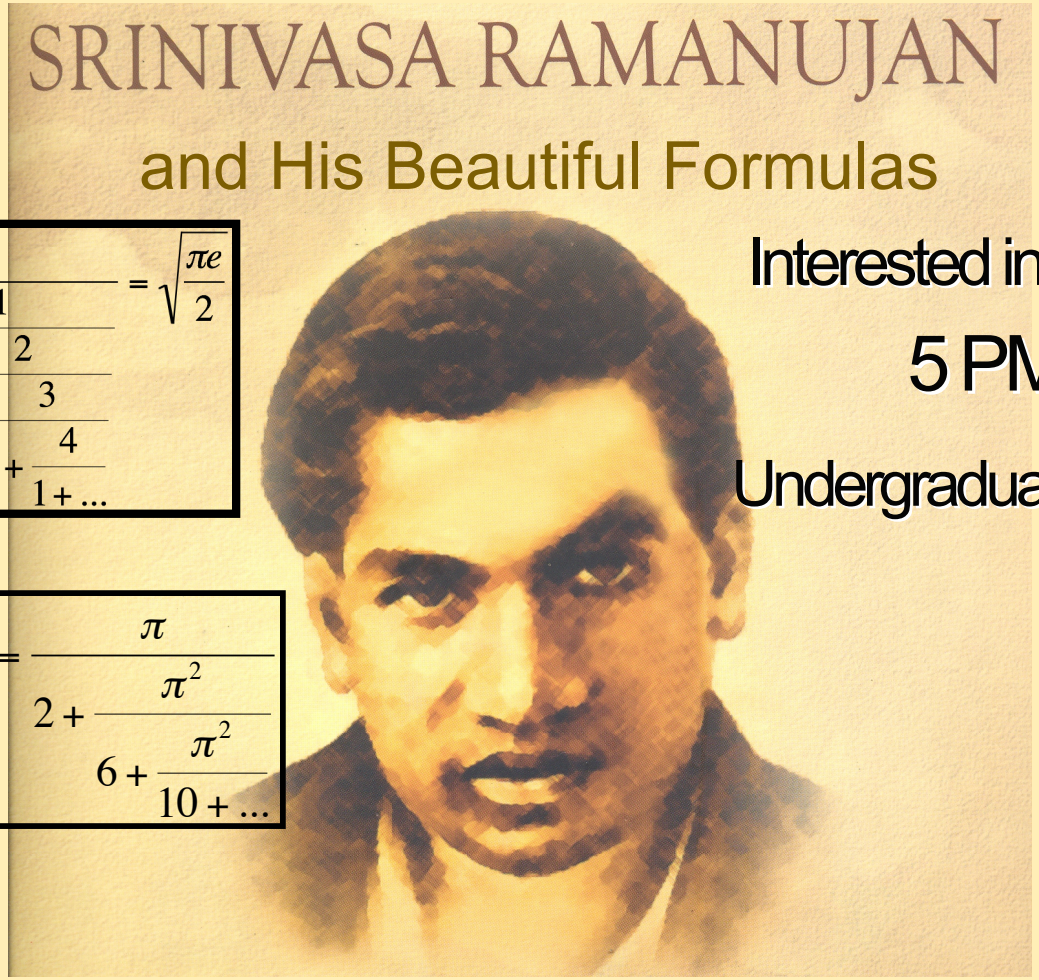
Radical Pi Presents: A Vitaly Bergelson Talk



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

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

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

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

Interested in Beautiful Mathematics??

5 PM Wednesday Oct. 5

Undergraduate Math Lounge (MA 052)

FREE PIZZA!!