

# Math Coffee

## The $\cos(x)$ Euler's Perspective

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I will present the derivation of  $\cos(x) = 1 - x^2/2! + \dots$  as given in Leonhard Euler's "Introductio in Analysin Infinitorum", and then I will demonstrate a rigorization of Euler's proof.

**Thursday, February 3rd**  
**2:15 – 3:00 pm**

Coffee and cookies 2:00 – 2:15 102 Cowley,  
followed by the talk in 201 Cowley.