

**Truncation Error**

In class we evaluated the expression

$$\frac{x^2 + 10 \cos x}{4x} \quad (1)$$

at  $x = \pi$  using 3 digit chopping arithmetic.

Evaluate (1) using 3 digit rounding arithmetic.

**ANSWER: -0.0111**

(Yes, that *is* the answer you're supposed to get.)