

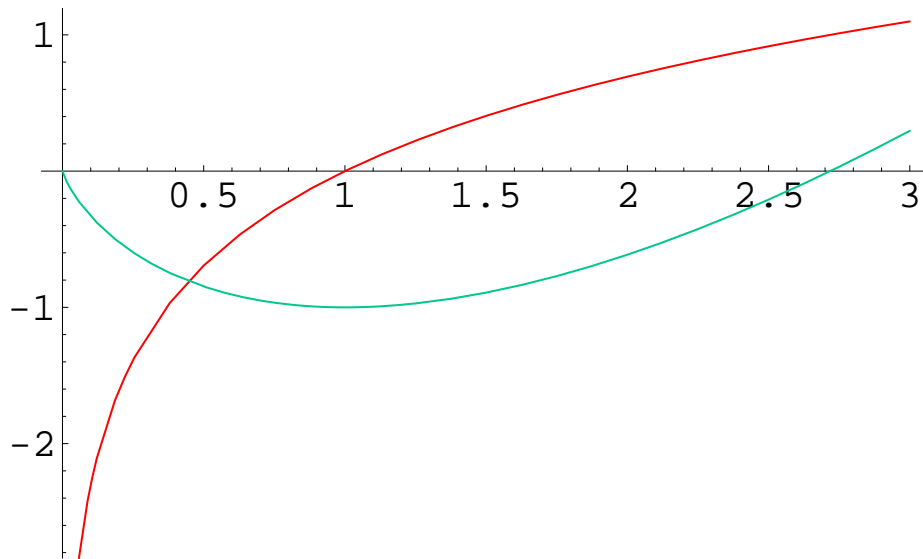
## Section 5.10: Improper Integrals

These notes reflect material from our text, *Calculus, Concepts and Contexts, Second Edition*, by James Stewart, published by Brooks/Cole, Pacific Grove, CA, 2001.

*Key points from Stewart, Section 5.10: The technique of integration by parts.*

### Concepts

### Examples



*Fig.  $\int \ln x \, dx = x \ln x - x$ .*

### Exercises

*Exercises for Section 5.10, pp 436-437: 1, 3, 6, 14, 17, 23, 29, 40, 43, 44, 46, 47, 53, 57, 62*