

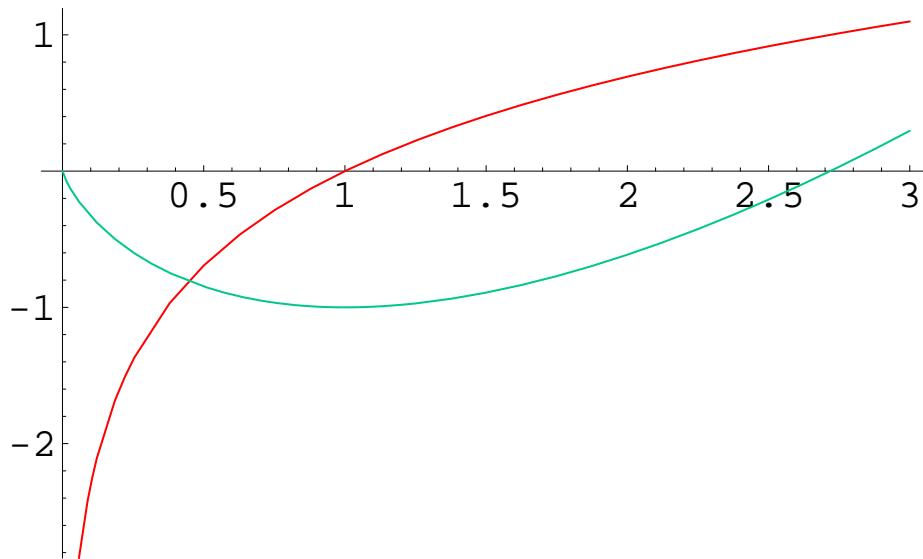
## Section 5.7: Additional Techniques of Integration

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 5.7: The technique of integration by parts.*

### Concepts

### Examples



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

### Exercises

*Exercises for Section 5.7, p 408:* 1, 2, 5, 6, 7, 9, 10, 14, 16, 18, 20, 21, 27, 32