

Taylor theorem with remainder

See chapter 3, pp. 269-270

Chapter 11:

Elusive limit (!) on p. 772?

Remainder term $R_n(x) := E_n(x)$

p. 763 Taylor's inequality

Apparently proved only for
 $n=0$ and $n=1$ in this text!!!

We'll actually prove it again,
another way, with integrals.

→ Problems: p. 783, 17, 22 (sans
graphing!).

The Taylor-Lagrange theorem
is the major theorem of
differential calculus; it
cannot be omitted from any
(honest) course !!!