FIGURE 2.1

Roots of $e^{-x} - \sin(x)$, $x > 0$

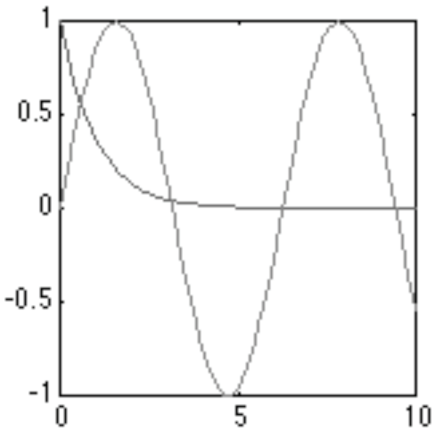


FIGURE 2.2

Roots of $p(x) = x^4 - x^3 - x - 1$

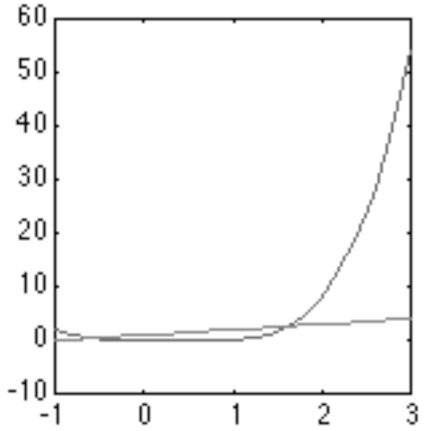


FIGURE 2.3

Intersection with the X-Axis of the tangent to (C) at (r_n, $f(r_n)$)

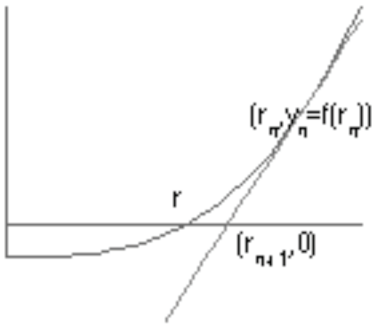


FIGURE 2.4

Finding a root of $f(x) = \sin(x) - e^{-x}$ using Newton's method

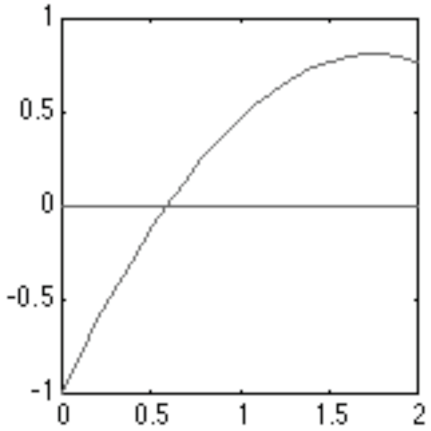
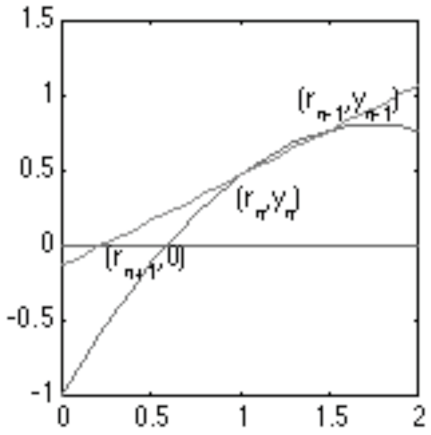


FIGURE 2.5

Intersection with the X-Axis of the secant passing by the points $(r_n, f(r_n))$ and $(r_{n-1}, f(r_{n-1}))$ on (C)