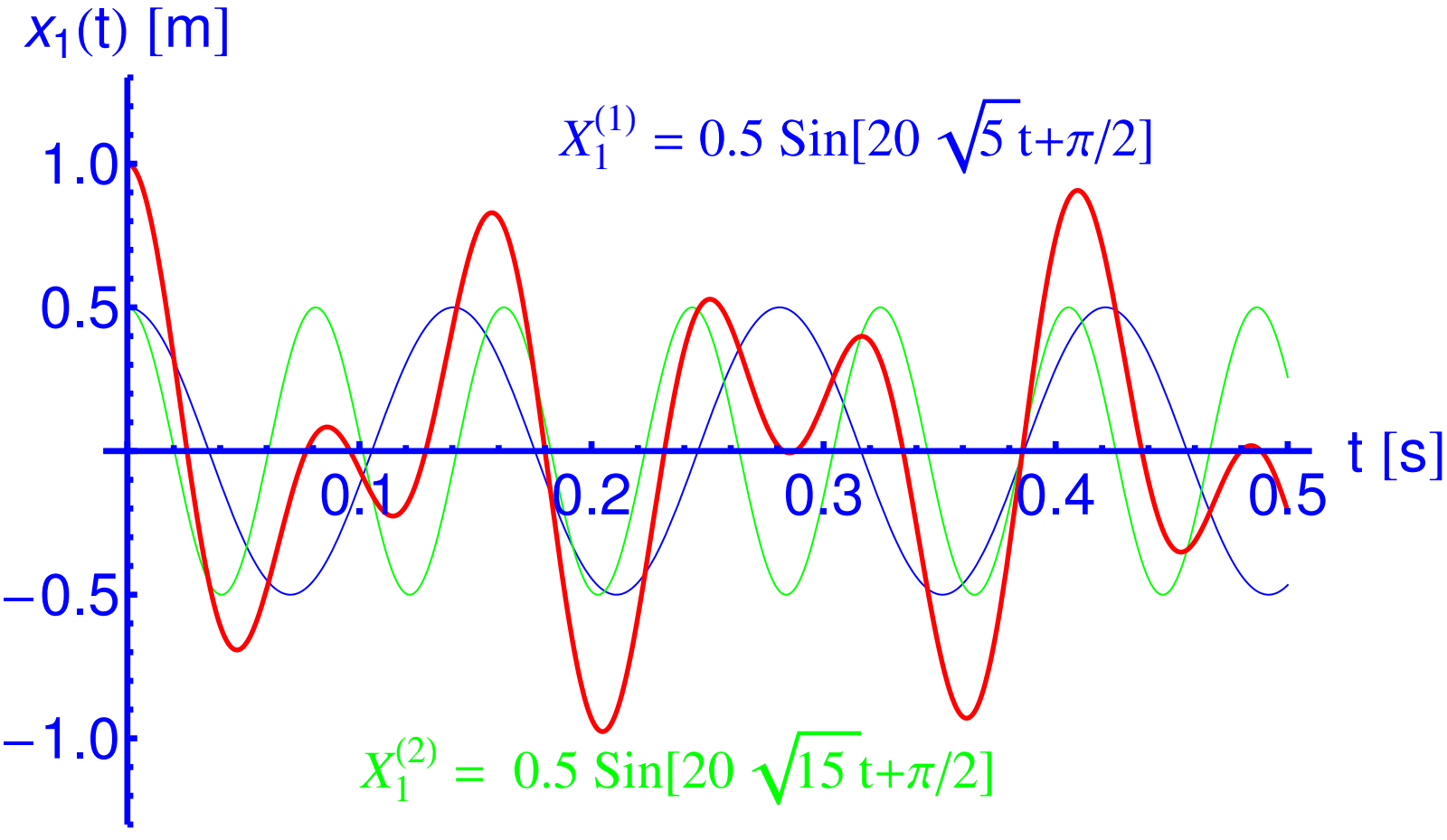
x_1(t) [m]
$X_1^{(1)} = 0.5\ \mathrm{Sin}[20\sqrt{5}\,t+\pi/2]$
1.0
0.5
−0.5
−1.0
0.1
0.2
0.3
0.4
0.5
t [s]
$X_1^{(2)} = 0.5\ \mathrm{Sin}[20\sqrt{15}\,t+\pi/2]$