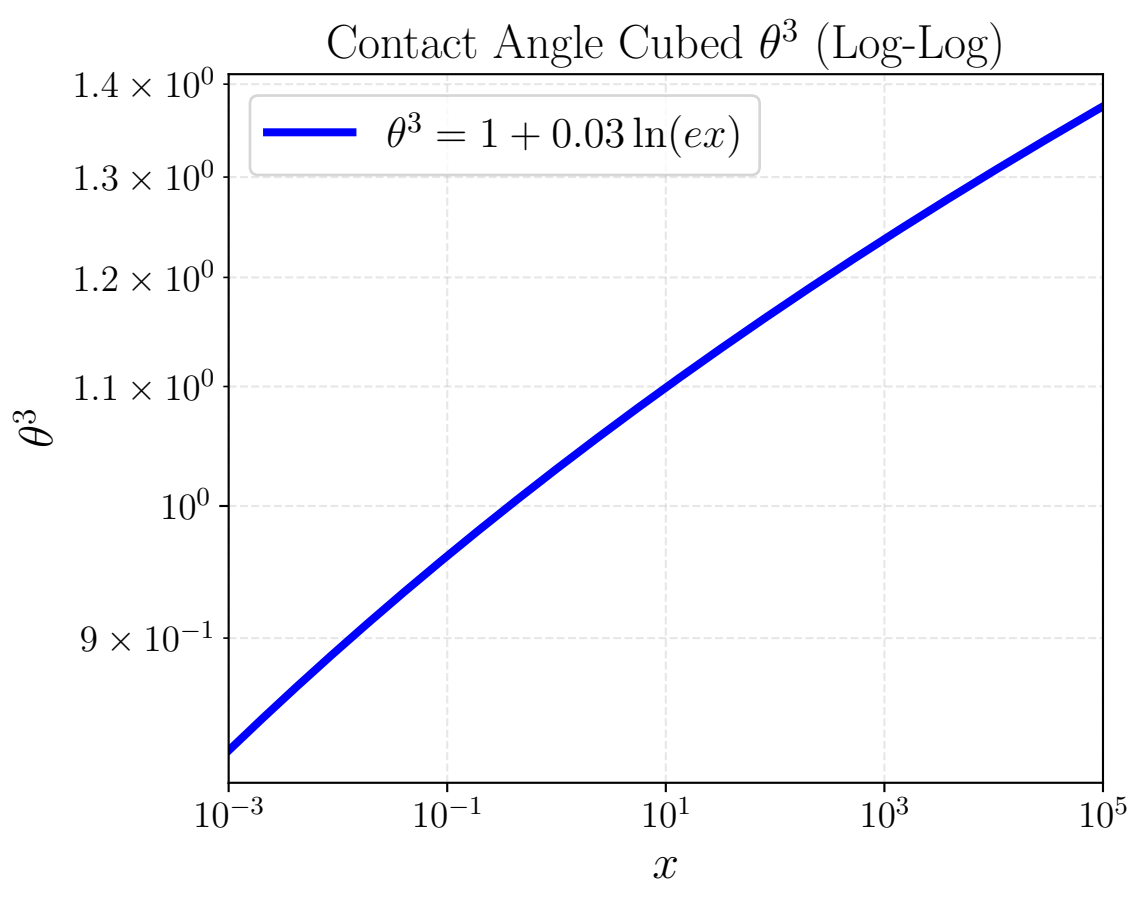
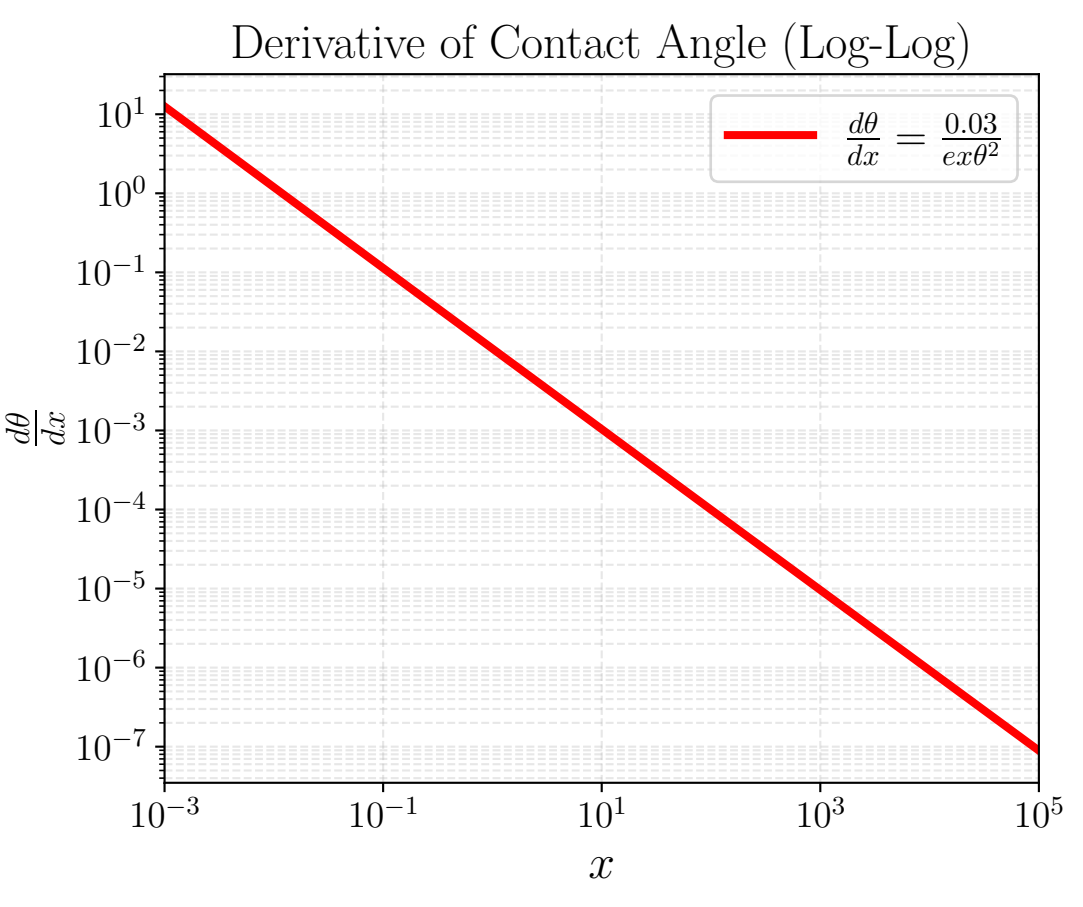

Contact Angle Cubed θ^3 (Log-Log)
$\theta^3 = 1 + 0.03\ln(ex)$
θ^3
x
1.4×10^0
1.3×10^0
1.2×10^0
1.1×10^0
10^0
9×10^{-1}
10^{-3}
10^{-1}
10^1
10^3
10^5


Derivative of Contact Angle (Log-Log)
$\frac{d\theta}{dx} = \frac{0.03}{ex\theta^2}$
$\frac{d\theta}{dx}$
x
10^1
10^0
10^{-1}
10^{-2}
10^{-3}
10^{-4}
10^{-5}
10^{-6}
10^{-7}
10^{-3}
10^{-1}
10^1
10^3
10^5