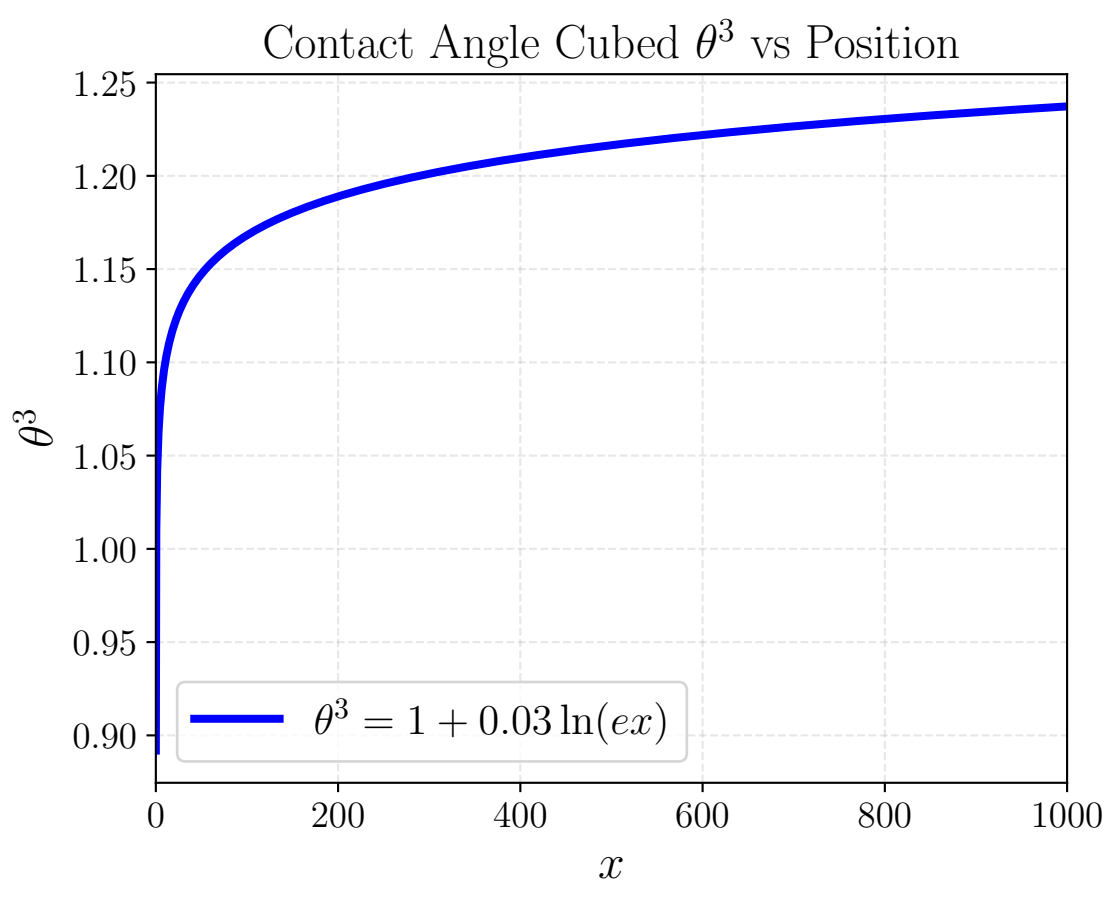
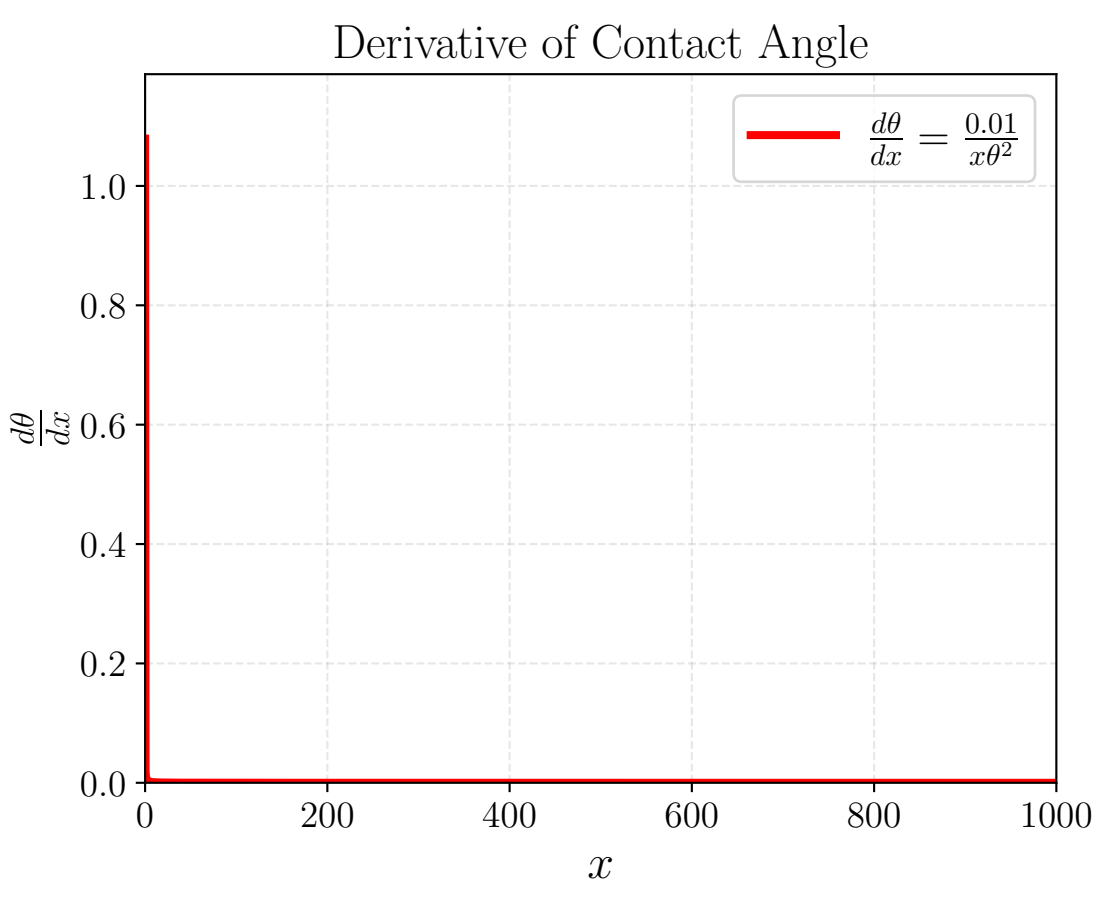

Contact Angle Cubed θ^3 vs Position
1.25
1.20
1.15
1.10
1.05
1.00
0.95
0.90
θ^3
0
200
400
600
800
1000
x
$\theta^3 = 1 + 0.03\ln(ex)$


Derivative of Contact Angle
1.0
0.8
0.6
0.4
0.2
0.0
$\frac{d\theta}{dx}$
0
200
400
600
800
1000
x
$\frac{d\theta}{dx} = \frac{0.01}{x\theta^2}$