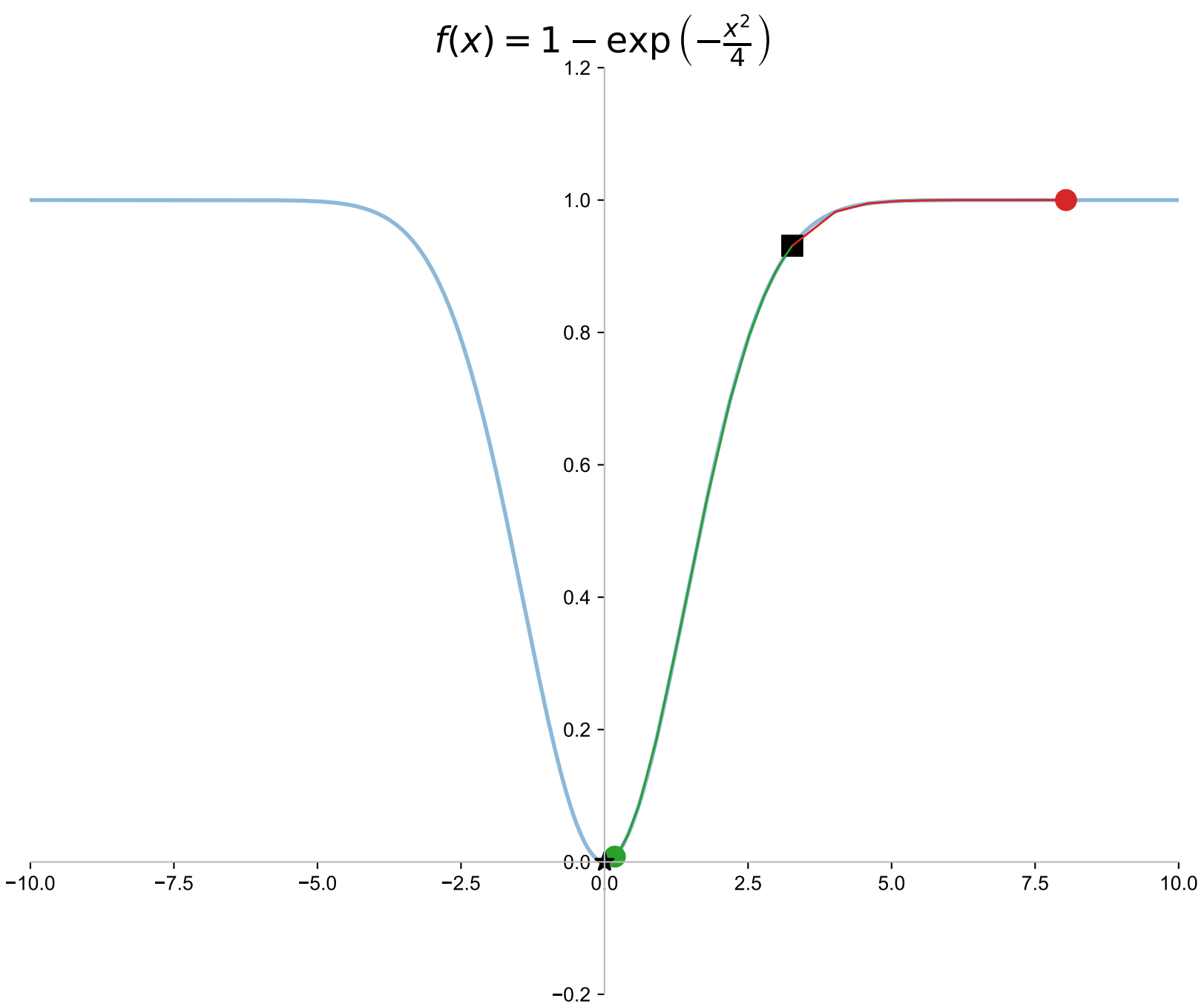

Netwon's Method

x_{13} = 8.038
$f(x_{13})$ = 1.000
$f'(x_{13})$ = 0.000
$f''(x_{13})$ = -0.000

Levenberg-Marquardt Method

x_{13} = 0.179
$f(x_{13})$ = 0.008
$f'(x_{13})$ = 0.089
$f''(x_{13})$ = 0.488

x^* = 0.0