Plot2D curve (u) vs first and second order Taylors-approx(u) first-order(u) second-order(u) 0.2 0.4 0.6 8.0 0

parameter (u)

4x10⁻⁵

3.5x10⁻⁵

3x10⁻⁵

2.5x10⁻⁵

2x10⁻⁵

1.5x10⁻⁵

1x10⁻⁵

5x10⁻⁶

0

first-order and second-order Taylors-approx(u)