Taylor Series

Function: `12398/(10.64*s`

Variable: `x`

Point: `0`

Order: `2`

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Computing...

Input interpretation:

$$\text{series}\quad \frac{12\,398}{10.64 \sin\!\left(\tan^{-1}\!\left(\frac{128.688}{117.584}+\frac{x}{2\times117.584}\right)\right)}\quad \begin{array}{ll} \text{point} & x=0 \\ \text{order} & x^2 \end{array}$$
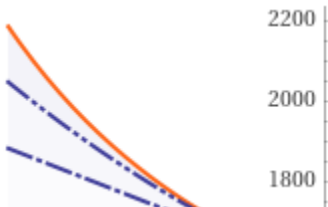
Series expansion at x=0:

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$$1578.39 - 2.79035\,x + 0.0137959\,x^2 + O\!\left(x^3\right)$$

(Taylor series)

Approximations about x=0 up to order 2:

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