Graphical Abstract

Highlights

- Research highlight 1
- Research highlight 2

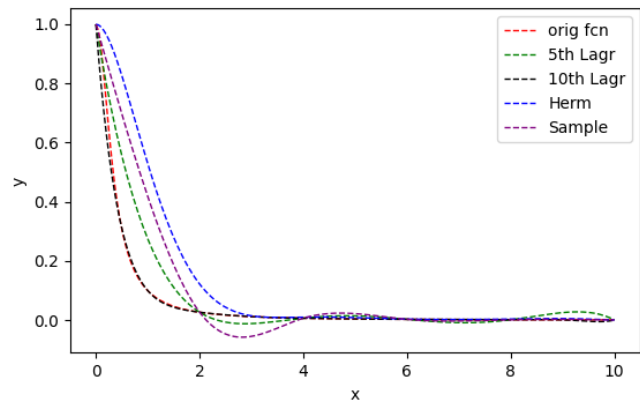^{a}, , , , ,

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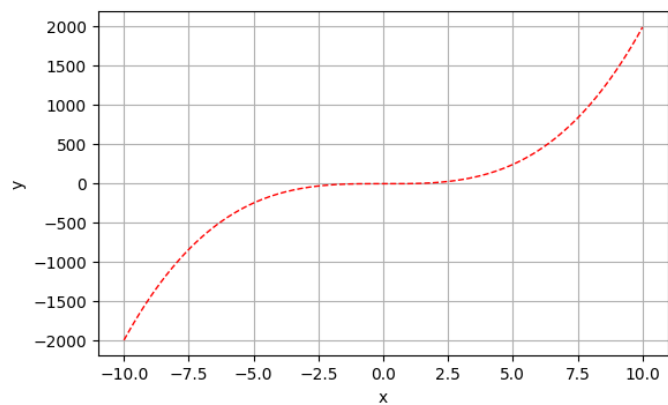**Abstract**

Keywords:

1.

$$L_5(x) = -0.000237139787679362x_1^5 + 0.007145651$$

$$-0.0815449154686002x_1^3 + 0.436753337136501x_1^2 - 1.08718447439$$

$$1.4497759011197 \cdot 10^{-7}x_2^{10} - 8.04313770346$$

$$L_{10}(x) = +0.000195169673928753x_2^8 - 0.00272201830501502x_2^7 + 0.02411093$$

$$-0.141420065599032x_2^5 + 0.555275062775147x_2^4 - 1.440508$$

$$+2.37065457934998x_2^2 - 2.26557678096$$

$$H_3(x) = -3.09027727303979 \cdot 10^{-5}x^6 + 0.001163908$$

$$-0.016758293090973x^4 + 0.111599878253313x^3 - 0.3050394$$

$$+5.55111512312578 \cdot 1$$

$$H_4(x) = 4.36795874184168 \cdot 10^{-7}x^9 - 2.37088587692$$

$$+0.000552414443654585x^7 - 0.0071880511370789x^6 + 0.0567418$$

$$-0.274584178076603x^4 + 0.770347965032566x^3 - 1.01694$$

$$+1.11022302462516 \cdot 1$$

$$s(x) = 0.0317725477299633x^3 - 0.61357667740$$

$$-0.0397574264410559x^3 + 0.429179845026115x^2 - 1.47193636745857x + 1.57223$$

$$0.0101907016574591x^3 - 0.170197692156065x^2 + 0.925573781270149x - 1.6244$$

$$-0.00273476004282412x^3 + 0.0624606184490329x^2 - 0.470376082360437x + 1.16745$$

$$0.000528937096457655x^3 - 0.0158681128937297x^2 + 0.156253768381664x - 0.50355$$
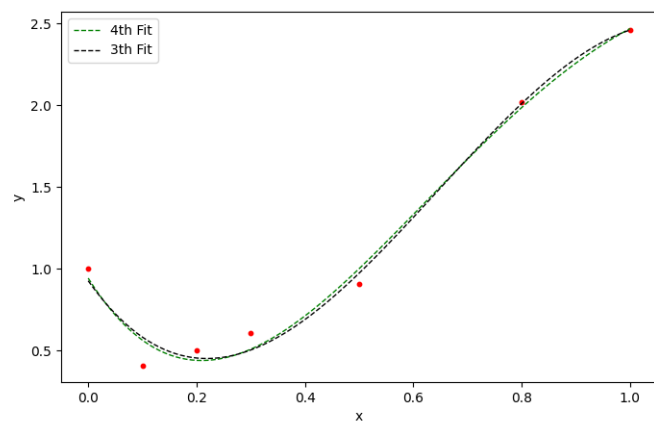
$$1.0x_1^2 +$$

$$2.0x_1^2 +$$

$$\left[1,\ x - \frac{1}{2},\ x^2 - x + \frac{1}{6},\ x^3 - \frac{3x^2}{2} + \frac{3x}{5} - \frac{1}{20},\ x^4 - 2x^3 + \frac{9x^2}{7} - \right.$$

$$a_0 + a_1 x - \frac{a_1}{2} + a_2 x^2 - a_2 x + \frac{a_2}{6} + a_3 x^3 - \frac{3a_3 x^2}{2} + \frac{3a_3 x}{5} - \frac{a_3}{20} + a_4 x^4 - 2a_4 x^3 + \frac{9a_4 x^2}{7} -$$

$$2.88528569960203 x^4 - 12.3348255432603 x^3 + 16.2747397427789 x^2 - 5.29872761817569 x + 0.94272$$

$$-6.62206149153474 x^3 + 12.8147250886843 x^2 - 4.65906623876537 x + 0.92658$$

(a) Fig1

(b) Fig1

(c) Fg3