

Quadratic Fitting

Polynomial co-efficients

[3.9914066475975227, -2.143282194247637, 10.434156833113144]

$a = 3.99 \pm 0.04$
 $b = -2.1 \pm 0.2$
 $c = 10 \pm 2$

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Curve-fit

0.4k

0.3k

0.2k

0.1k

0.0

-10.0

-5.0

0.0

5.0

10.0

X

Y

Polyfit

curve-fit

lmfit

