

Quadratic Fitting

Polynomial co-efficients
[3.9571268425046395, -2.1064950079479043, 12.057569029173907]

$a = 3.96 \pm 0.03$
 $b = -2.1 \pm 0.2$
 $c = 12 \pm 1$

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 $b = -2.1 \pm 0.2$
 $a = 3.96 \pm 0.03$

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

