*Quadratic Fit Search : Iteration 4*

*Current Interval Length : 1.065686*

Legend:
- $f(x)$
- $P(x)$ (Quadratic Fit)
- $a, \gamma, b$
- $x^\star$
- Search Interval $[a, b]$

Axis labels: $f(x)$ (vertical), $x$ (horizontal)