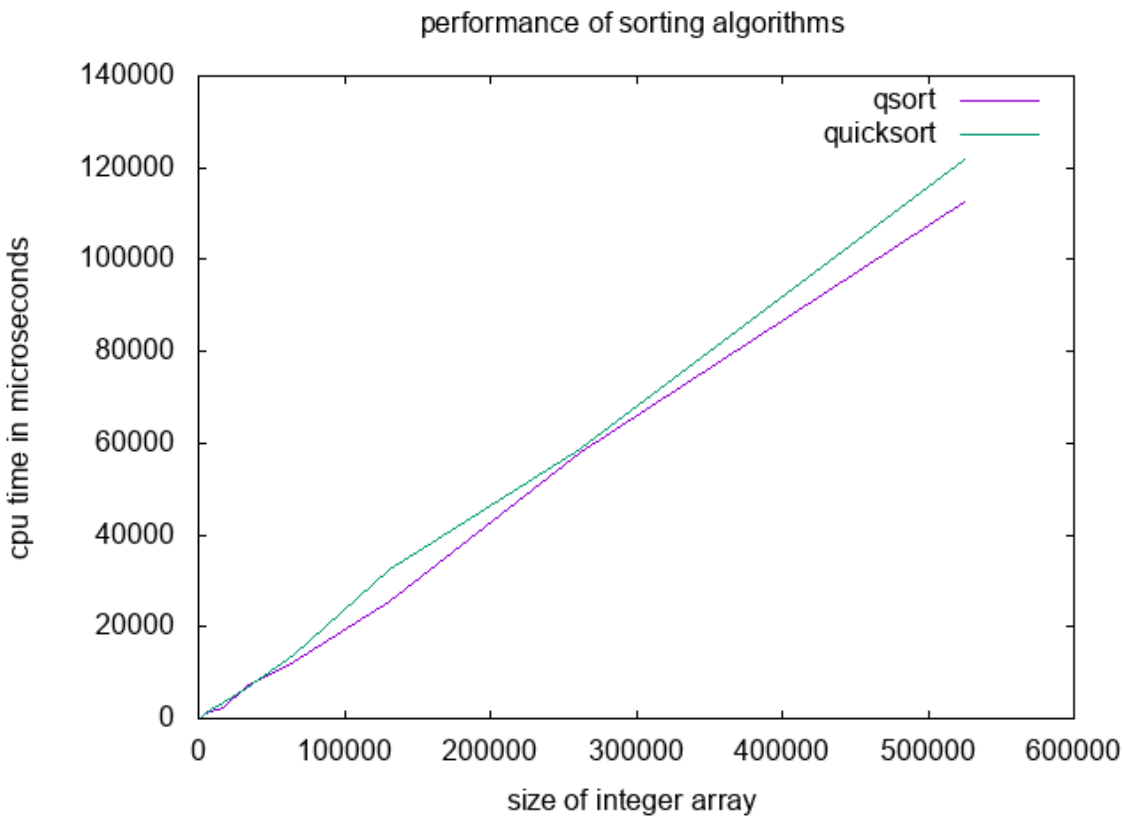
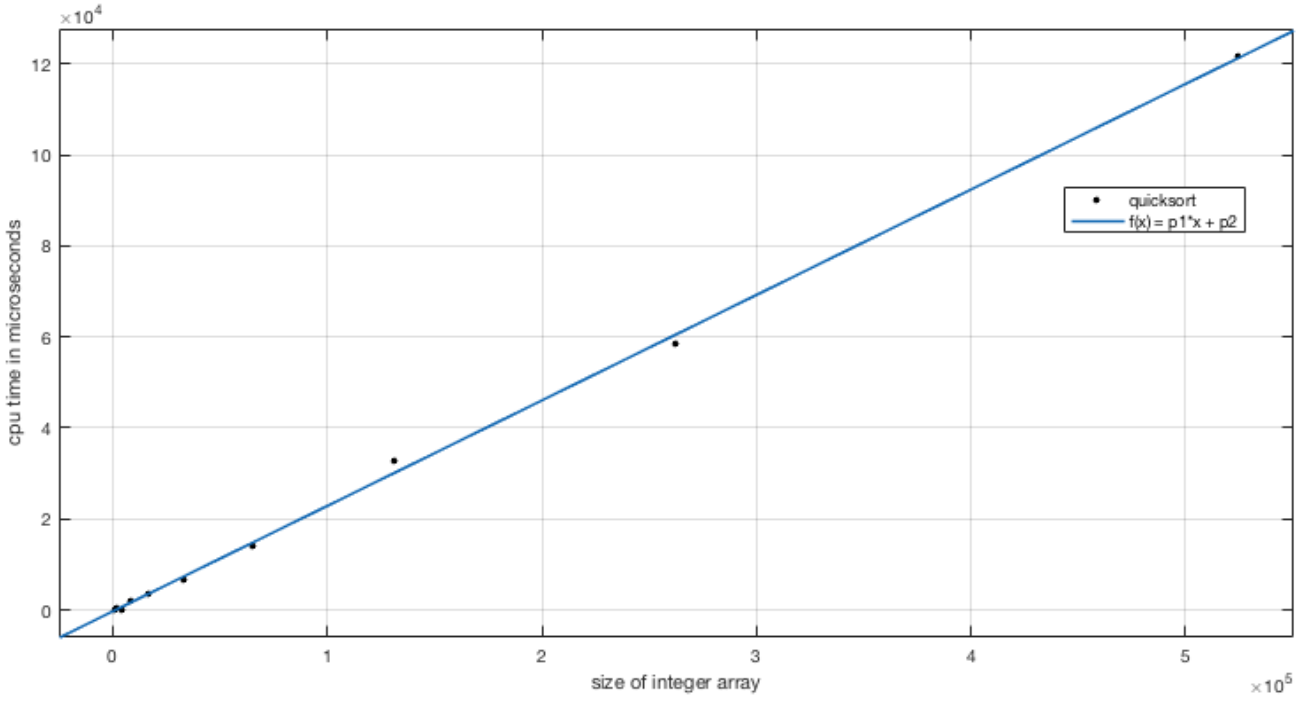
1. plot



fitting in next page.

2. fitting of quick sort



x axis: size of integer array
y axis: cpu time in **microseconds**

Linear model Poly1:
f(x) = p1*x + p2
where x is normalized by mean 1.048e+05 and std 1.689e+05
Coefficients (with 95% confidence bounds):
p1 = 3.915e+04 (3.82e+04, 4.01e+04)
p2 = 2.398e+04 (2.308e+04, 2.488e+04)

Goodness of fit:
SSE: 1.221e+07
R-square: 0.9991
Adjusted R-square: 0.999
RMSE: 1236

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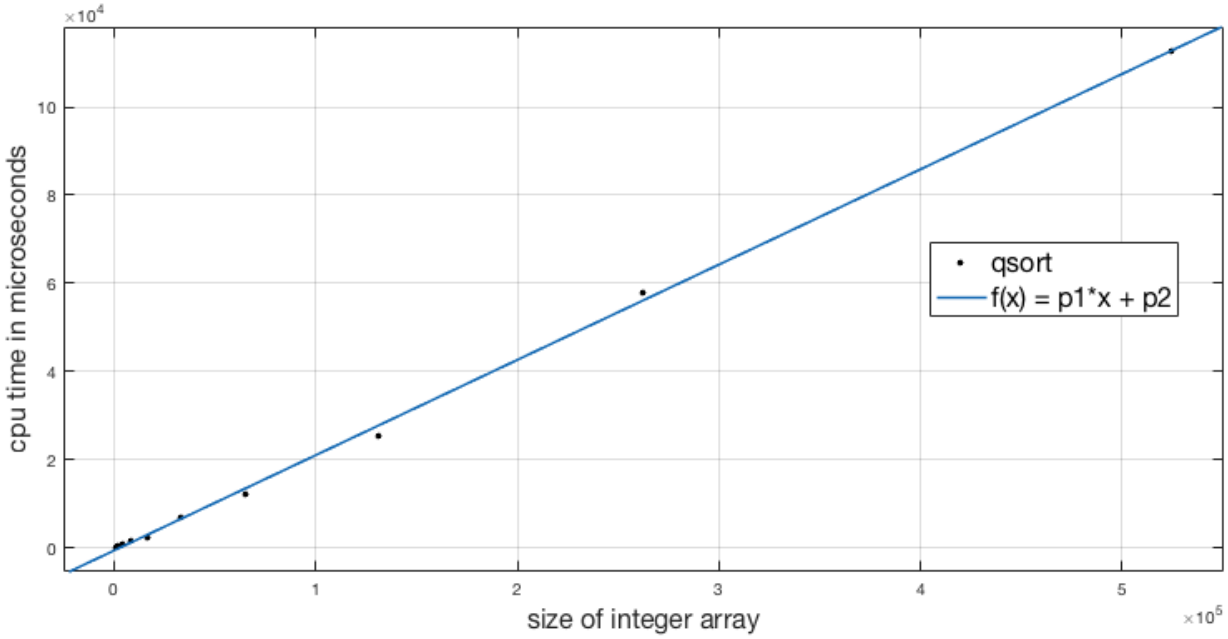
3. fitting of qsort

x axis: size of integer array
y axis: cpu time in **microseconds**

Linear model Poly1:



f(x) = p1*x + p2
where x is normalized by mean 1.048e+05 and std 1.689e+05
Coefficients (with 95% confidence bounds):
p1 = 3.653e+04 (3.563e+04, 3.744e+04)
p2 = 2.201e+04 (2.115e+04, 2.287e+04)

Goodness of fit:
SSE: 1.112e+07
R-square: 0.9991
Adjusted R-square: 0.999
RMSE: 1179