Jincheng He

Homework 4

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4.1.8:

1. 
2. 
3. 
4. 
5. 

4.1.10:

Quadratic time

4.1.11:

It will take about 125 seconds. The algorithm is quadratic.

4.1.27:

1. 5.4 seconds.

I assume it is quadratic time, the equation is .

1. 17 hours.

I assume it is linear time, the equation is  .

1. 11 days.

I assume it is quadratic time, the equation is 