

Computational Physics III: Report 1

Fourier transforms and analysis

Due on March 27, 2014

Your name

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Problem 1

$$Accuracy_{avg} = P_{avg}(all\ correct) \tag{1}$$

$$= \frac{1}{N_{avg}} \sum_i^{N_{avg}} P(i\ is\ correct) \tag{2}$$

$$= \frac{n_{defined} + n_{avg} \cdot P(node\ choice)}{N_{avg}} \tag{3}$$

$$\approx \frac{5 + 6 \cdot 0.5}{11} \tag{4}$$

$$\approx 73\% \tag{5}$$