guardtime

Status Report

Intern: Rito

Week 8: 29th June, 2015 to 5th July, 2015

Number of hours worked: 25

Update:

Addendum to previous report: Prof. Katz has responded, and based on our communication, I have had some very good pointers about proceeding.

This has simplified the reductions to a large extent, in the sense that the *migration* and the *preservation* looks sufficiently easy and small in text. In fact, this week has probably been the most productive week of the internship so far – and we have made very good progress, and have correctly emulated the scenario to hold for a quantum setting, where the classical definition was:

$$\delta = \Pr[(\Re, \alpha) \leftarrow A_1, (x, c) \leftarrow A_2 : x \rightsquigarrow \mathcal{R} \ \wedge \ l(c) \ \epsilon \ \varsigma] \leq \frac{t}{s}$$

We hope to be able to complete a draft version of the proof for revision along with next week's report.