

# Machine Learning Final Exam

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## 1 In a galaxy far, far away

### 1.1

The variance of the red-shifts in the spectroscopic training data was calculated to be:

$$0.0106$$

(where from now on, unless specified, values are shown to 3 significant places).

The MSE on the test SDSS predictions was calculated to be:

$$0.000812$$

### 1.2