## $21 \backslash 12 \backslash 2014$

Numerical Analysis (630262) Section 2: Quiz (3) $1^{\text {st }} \mathbf{2 0 1 4 - 2 0 1 5}$

Name: -
No.

- Apply non-linear regression for the following readings.
- Check the accuracy of your answer.
- What conclusion can you make if linear regression is used?

| X | Y |  |  |  |  |  |
| :---: | :---: | :--- | :--- | :--- | :--- | :--- |
| 0.1 | 1.21 |  |  |  |  |  |
| 0.3 | 1.41 |  |  |  |  |  |
| 0.5 | 1.82 |  |  |  |  |  |
| 0.7 | 2.11 |  |  |  |  |  |
| 0.9 | 2.52 |  |  |  |  |  |
| 1.0 | 2.83 |  |  |  |  |  |
|  |  |  |  |  |  |  |

