CSC352 HW7

Alex Zhang

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Question 1

- 1. The relative error for ${\bf Q}$ is 2.
- 2. The relative error for ${f R}$ is 1.036.
- 3. The relative error for $\mathbf{Q} * \mathbf{R}$ is 1.1194e 15.

I'm surprised with the first two relative errors. For **Q**'s relative error, it should be 0 ideally, but I got 2, which shows there is a difference between true **Q**, and calculated **Q**. For **R**, I think it still should be 0 for $||0||_p = 0$.