

# Homework #1

Due on March 29, 2015

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**Problem 1**

Proof: Lemma2. In any directed graph, the summation of in-degrees is equal to the summation of out-degree.

**Solution**

**Problem 2**

Proof: Lemma2. In any directed graph, the summation of in-degrees is equal to the summation of out-degree.

**Solution**

My answer is ...