

**Math 273 - Fall 2015**

**Homework 11**

Due November 9th, 2015

*The difference between physicists and mathematicians is that physicists study things that exist, while mathematicians often try to rule out things that obviously do not exist.*

— Andrei Okounkov

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**Turn in:**

From the textbook: 4.4.16, 4.4.24, 4.4.46, 4.4.54, 4.5.19, 4.7.14, 4.7.22