

## MATH 163 PROBLEM SET 7

IGOR RIVIN, 426 WACHMAN HALL, 1X5010, RIVIN@MATH.TEMPLE.EDU

ABSTRACT. Due Wednesday, April 19, 2006

Gensler: all even exercises from 6.1a, 6.2abc.

We have defined symmetric, transitive, and reflexive relation. For every subset of the set  $S = \{\text{symmetric, transitive, reflexive}\}$ , find a relation on your favorite set having the properties in the subset (and not having the ones not in the subset).