

probProblem[section]  
thmThe-  
o-  
rem[section]  
cor[cor]Corollary  
prop[prop]Proposition  
lem[lem]Lemma  
conj[conj]Conjecture  
quest[quest]Question

defn[defn]Definition  
defns[defns]Definitions  
con[con]Construction  
exmp[exmp]Example  
exmps[exmps]Examples  
notn[notn]Notation  
notns[notns]Notations  
addm[addm]Addendum  
exer[exer]Exercise

rem[rem]Remark  
rems[rems]Remarks  
warn[warn]Warning  
sch[sch]Scholium

## 6.046 PROBLEM SET

JOHN WANG

Collaborators:

### 1. PROBLEM 1

**Solution**

□