Notes on Midterm

Midterm scores

40s	-
50s	6
60s	17
70s	19
80s	8
90s	3

mean/median/mode 71/72/73

Fallacious "proof" #1

Fallacious "proof" #2

"ALL Languages are regular"

L = {X1, X2, X3...}

X1 is a regular expr

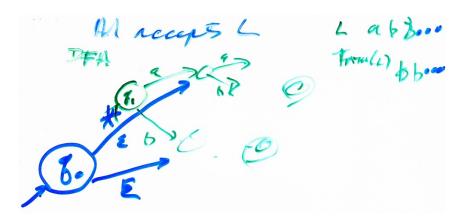
L1 = {X3 is regular expr

L1 = {X13 is regular

L4 = {X13 is

This correctly shows that each L_k is regular for each finite k, no matter how large. It does not show that L is regular; induction never "jumps" to the infinite "limit" case.

Correct Construction



Fallacious "proof" #3

