

I FOR HW#3

( a) Comp (Told) - Comp (Thew)

= ENan(Tod) - ENman (Tn) = A

= E Nm ( Ju) E ( y - ym) 2 - E ( y; - ym) 2 = 2 (V, 7)2-2 (V, -Ym)2

D= E (y; -Ym) - E (y; -Ym) - E (y; -Ym) 2

D = E (41 - Nm Ext) 2 - E(41 - Nm Ext.) 2

- E (Y-- 1 & Y)2

BD = [ & (y:-4m)2) - [ & (y:-4m)2) - [ & (y:-4m-1)2)

- (4:-9m)2+ E(y--9m)2-(E(y--7m)2)

- [ Z (y- /m+1)]

E(4:-4m)2-CE(4:-1m)2)+E(4:-2m)2-CE(41-2m)2

win 2m=9m=0

min Rmy - 9 my 20

