(Assignment 16)
(51) Assumption of annova
The observation are indicated
Parent population from which observation as taken
is normal distribution
D Variance of the respondly variable small ing
De Variance of the responsible variable sended by
1 Various treatment and environmental effect are
additi ve in nature
65
solo Fixed effect
in this model the variance affect factors
will be controlled by the researcher and environmental effect is neglicled
environmental effect is nighted
Random effect
the the other environmental factors as well as.
The transfer was the second of the
(5.13) Application of annova.
Annovo is used to compare the means from
different populations under test sellings
with some variance as t-test cannot be
oged for more than 2 samply.
(Soly) on way amova
y: P+ T(- Ei) Z1: 1, the effect
of Factor i
Eij berror differ believe
Ch. M.A.C. LA. Mod. Mr. 1
and lactor

	Date:/ /
	(Two way annova).
	Vijk = P + Xi + Bj + X, Bi + Eli
	1) + 2, pj +2, pj +2/k
	a par badors of B and interest
	by agris of B and interection)
1	
(5015)	10
13	Bertch
	2 3 4
i i	1600 1586 111/0
	1610
	1520
	1600 1530
3	1620 1700 1620 1570
	1 + 60
76 19	1720
	1800
	1740
	18 20
-	Ho PI = Hz = VI = Vi (The mean an ein
	H. at least on I is
	The means not equal.
Now	$X_1 = 1680$ $n_1 = 7$
)
	$X_{\Sigma} = 1662$ $N_{\chi} = 5$
	X3 1635 76 M
	Xy = 1568.13 h
	X4 = 1568.33 h4 = 6
1	
	$\overline{X} = 1680 \pm 100$
	$\overline{X} = 1680 + 1662 + 1636.25 + 1568.33$
1	4-
~ ~	2 1636 (0.20
2	2 1636-6375
A 42	

