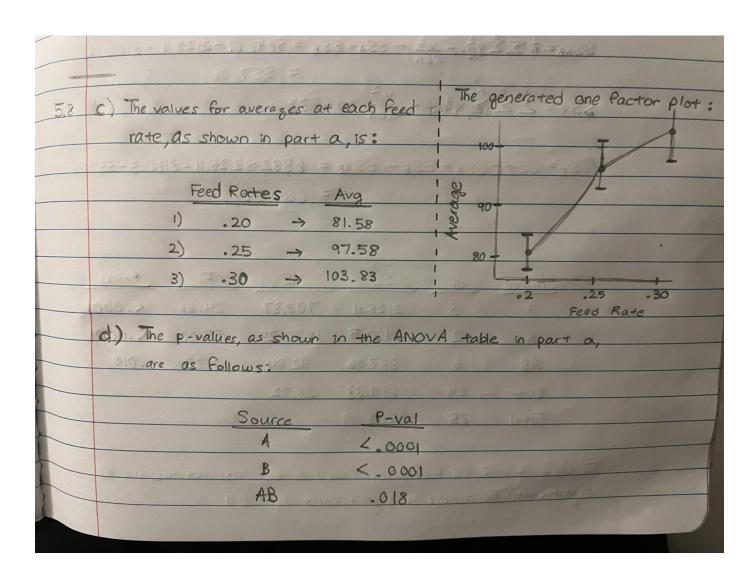
42 1 2 3 2 3 3
HW 5
(6) 2
5.5) a) source SST dft. MS F P-val
A 50 10 50 50 (4.001
80 2 40 40 16.001
AB 300 2 5 7 15 1 5 000
5 mor 12 17 12 to 14 00 18 1
Total 172 17
三三 11 112+112年度東北京的(m) 李子子(14)
b) A+ \a = .05, there is a significant difference between
A, B, and AB (Interaction between A & B) as shown above
The street of th
c) True, the pure estimate of the std dev. of sample observations is 1.
The state of the s
and the second of the second o
The second of th

	4 4-1= 3									
	.15 .18 .20 .25									
	(74	79	82	99) Aug			
5.8) a)	. 20	64	68	88 /	104	81.58			
			1 60 49	73	921	96				
			92	98	99	104) Avg			
	3	. 25	186	104	1087	110	97.58			
	3-1	54	88	88	95	99	5			
	===		99	104	108	114) Aug			
		.30	9800	99	2.49110 483	311)6	103.83			
			102	95	99	107	317			
		, α	,,2		# 314 6					
4		SSx = bn Zy	2 - <u>y</u>	= 2125.11			12/3/4			
		SS8= = = = = = × ×:	$\frac{y^2}{abn} =$	3160.5	4.32-)(3					
	SSAB= (= 5 × yij y2) - SSA- SSB = 5842.67 - 2125.11 - 3160.5									
JA 5	وعقورها	SST= ZZ:	h . 2	Y2 1	= 557.	06)			
		33T= 22.	Z Y ijk -	abn = 6	532	red recipio	4 3E (4) 83			
-	(30-= 500	50 - 50	S.C.	ring at ac	ueda ala	OFFY			
	_	22E- 024-	SSA - SSB				60-5-557.06			
			3	IN IN	689.33					
		1	*	33.70	- OS					
-1-		Source	9t	SS12.301	MC 01	F				
Co.	74,	Ā			708.37	F (3	P-val			
		ran Barak				24.66	<.0001			
		AB		557.06	92.84	55.02	<.0001			
		Error			28.72	3.23	.018			
		Total		532.00	. , , ,					
			1200		1					
	The c	lepth of cut o	and feed ra-	te as well	05 74 75 70					
	Signi	Acant. The n	nodel 15 s	Clanifican	t one of	Teraction	s, are all			
	0			J. Ta	1 us we	4.				



35 32 334 3
WA COMPRESSED ON THE SECOND SE
5.9) 18 M1= mean surface of intshish for .20 in/min
1/2 = mean surface finish for . 25 in/min
A CAMO SE ST MATERIAL ST MATER
Ψ1 Y2 tα/2, ab(n-1)√2MSE ≤ -μ,-H2
≤ y1 y2 + to/2 ab (n-1) √ 2MSE
A C HII 1774 OL 47 NO HOI CITY
$95\% CI \Rightarrow (81.5833 - 97.5833) \pm (2.064) \sqrt{\frac{2(28.722)}{3}}$
(M1-M2)
=> -16 ± (9.032)
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
= (-25.032, -6.968)
3.0018 - 11.25 (3-17) (188) = 480 - 125 - 125 (1-2)25

		# 0	1000-0000	# 08	Washing	2	
		th or	Washings	-	2		810
5, 28)		2	1		2	1	
	Formulation	More		_	Booster		
	270	- hazza	es No		s No	O 1 22	
				(I) (5) 3,			
	Original	19 10	,9 11,11	2) 19 10,9	9,10	19 79 Toral	
		30		23 24		24 111	
	SS, = \$\$\$	Z Yükl	aben = 166	.94		1834	127 19
	SSA = L Z Y	2 - y?	= 138.	061		يال	(A. 199)
	SSB = acn Z Y2.	<u>Y</u> 2	= 14.06	The Control of the Co		1	/5/
5	SSc= abn & y?	.k y2.	= 0056	11 - 19 1		Val.	Ch
1	SSAR = = EZ	Y35 - V	- SSA -	- SSR = 5.06			
	SSAC = Lo SE	2 ab	en - SSA-	SS= .56	610 115-2		
	SSEC = de Z S	- Y. ik	V2 SS-	- SSc = .56			
	SSABC = 1 25	E S Yilk	- y2 S	SA - SS - SC =	56		
	SSE= SST.						
	The second	200totals				(3.174
	Source	96	SS	MS	8 F	P-val	
	A	4	138.06	138.06	147.27	<.0001	Je
	В	1	14.06	14.06	15	.0047	@ X
	C	1	.56	.56	.6	.4609	* %
	AB	1	5.06	5.06	5.4	0486	X
	AC	1 2	.56	.56	28.6	.4609	
	BC	1	.56	.56	1.6	.4609	*
1	ABC	1	.56	.56	.6	.4609	72
1	Error	8	7.5	9.94			
	Total	15	166.94		X	= significan	4
						O', ricar,	
	Formulation, number	per of wa	shings, & int	eraction between	en them are	S SIGNIFICANT	
	A, B, and AB	ove sign	ificant te	erms (at a	= .05)	0.7.7.2071,	

118.667-10-12.167-96.333 = . 1666 96.333 / 96.333 = 1 11-6-2-1=2 10/6 = 1.667 Source de SS MS F P-value Factor A 2 .1666 .6833 .05 .952 5.41) Factor B 1 96.333 96.333 57.80 < .001 .092 Interaction 2 12.167 6.0833 3.65 38 Error 3) 6 10 8 1.667 -Total 11 118.667 f) 2+1 = 3 levels 0) . 1666 g) 1+1 = 2 lavels h) 2 replicates i) No (False) since the p-value is .092 , 7.05 d) 1.667 3) An estimate of the std der of the response e) Upper bound is . 1 variable is 1.29