EXP. NUMBER EXPERIMENT/SUBJECT			DATE	01
AME		LAB PARTNER	LOCKER/DESK NO.	COURSE & SECTION NO.
POWERS	- LUHN			550
Calcul	the uncertainty of pan	dam functions		
1. a,	= 3.1 ± 0.5 a2=	5.7±0.8 a3 = 121	= /	
/.	g=9, taz Sg=	1 5 (2x 5 g) 2		
		V		
	8 = 3.1 + 5.7 = = 8.8 + Sq	N(3 [0,+az] 8a,)2+(	2 [ 7 ]	12
	= 8.6 + 09	1 (00,	Daz Toz Jo	(2)
	=	[ Sc. 2 + S., 2		
		Sa2 + Sa2		
	=	NO.5+0.82		
	=	0,9		
	g=8.8±0.9			
-	The second product of the second seco			
	Co.	150 a. *a 2 Sa)2 + (5	O K Y	
L.	8= a, +az Sq=	1000	oz Sac	
	= 31+57+5 =	$\sqrt{(\alpha_z Sa_1)^2 + (\alpha_z Sa_z)^2}$	1	
		1 23.17		
	= 18 + 89			
	7	DISTROBED AVE	× 0.8)2	
		MUMPI		
		Lip.		
-	g= 18±4			
NATURE		DATE WITNESS/TA		DATE

\*

10 10

EXP. NUMBER	EXPERIMENT/SUBJECT			MAC	02
NAME		LAB PARTNER		/DESK NO.	COURSE & SECTION NO.
POWERS	LIMA				550
0					
1.					
3,	g=a, *az	Sg= 1	2 Ta, a= 7 S	a, 2 +/	2 [ 9/62 ] Saz)2
	0	1/1	Da, 4 -	) (7	Daz 2)
	$9 = 3.1 \times (5.7)^2$	- 1 6.	20 12 1/2	( )2	l l
	= 100 ± Sq	1	$\frac{2}{2}$ Sa, $\frac{2}{2}$ + (2	a, dazi	
	100 - 36	, V			
		=   (3.	12 * 0.8)2 + (	2*3.1*0	5)21
		N			
		= 8			
	g= 100 ± 8				
	8				
4.	8 = a./az	Sg= 1/2	[a/2,75a,)	2+/2/	a, 7502/2
	71/1-	V Can	L 1021)	( Daz L	laz 1
	8= 3.1/5.7	= 1/6	12 + /- 0	5 2	
	= 0.54 + 59	1 2	a, 2 + (-a,	2	
	5			-	
		= 0.1			
	= 0.54 = 0.11		D)\V/		
SIGNATURE		DATE WI	TNESS/TA		DATE