1 44	PROJECT NAME SANS Buts Reduction	NOTEBOOK NO.	4
6/27/2019	77 red'in a secretic as	, ", , , , , , , , , , , , , , , , , ,	
dia off	for solid angle consistion, as spend of the SANS defor reduction downers, says for solid angle in to divide to the courts angle subtended by the pixel as seen from	that the correction	
	he solid ande - to divide to the county	in a wirel by the solist	
10 - 11 - 11 - 11 - 11 - 11 - 11 - 11 -	anale cubinded by the pivil as seen from	the sample position.	
other task			
	Assume that the instrument component set in the coordinate system, as specuficial the sample is at the origin and we had	to have already been	
All the contract of	set in the coordinate system, as specified.	a the document, They,	
	the sample is at the origin and we ha	u a pixel at ?	
an and		•	
-m ⁰ (h)	= (x, y, z)		-
	the contract of the contract o	do The live 1.	
The sales	in pixel has a weath for and a heigh	of py. in sold angle	3
- Margari	a pixel for the LPSD away in was on the SAN	1) at UKIL 34	
The state of the s	d. 2 = Prfy cost (20) cos x		
100 mm m m m m m m m m m m m m m m m m m	71-		
W Mail	D2 = 1171/2 = x2+42+22. 20 in the scatter	ies ough and & in	
	De = 1171/2 = x2+y2+22. 20 is the scatter the argle along the length of the trube from	The homantel	
The Property			
	let the beam cepter = < (x, 4, ca)		
Millian allows			
- Major	(0520 = F.C/117112 NOPE = F.C/117	11/1c-/1 ·	-
			2.1
III OFFI	(see the figure).	of the pixel is bill	0,62/
	Cset in figure !		
and the second	- F. F. 10 FIP	NOPE = F. BURILIEN	
On Only	2-/2/2		
notice that the same of the sa	. /	réauces are in nem.	
- William 2	2(4,14,12) 1 - 1 = (1, 0, C2) (se for the	string	
The state	1/2/		
20	5-40,00	(0,0,5000)	
	3-40,07	1200 -11 m 1040 5	
No.		(300,-160,5000)	
The same		4.25 , py = 5.50	
	PX	ph - min	
	wan = B=	(320.0,5000)	OK-
- ANIL THE -	$= b^2 = 1$	(320,0,5000) 17112= (320)2+(-120)2+(5000)2 25,123,000 mas2	ok
Mary of	1 1 2 m	25,128,000 mm2	016
All Control of the Co	= 7. 2= 120.0-160.0+5000 = 25,000,000 may	· OK	
C- Menut	3 7. 1 = no. no - 160.0 + 5000 = 25,102,400	myer ok	
T The Control of the		rom	_
The same	3 128,000	· Say	
		UNGUS	
Pile The	= 25,102,400 = 0.9989812162 25,128,000		
ourse landy.	SIGNATURE	The second of th	0
Tal improperties	READ AND UNDERSTOOD	DATE 2	0
At Other		X	121

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PROJECT NAME SANS Barta Reduction NOTEBOOK NO. Papy = 23,375 mm lets toy this again. D= = 25, 128, 000 nm => 11 =1 = 5, 012. 7836578693 nm 11211 = 5000 mm 11511 = [3202+02750002]" = 5,010. 2295356600 mm cos 20 = 25,000000/5,000 (5,012,7836578093) = 0.9974497886 (05 x = 25,102,400/(5,010,229535660) = 25,102,460/(5,012.78365766973) x(5,010.2295356600) = 0.9994904781 Then del = (23.375)(0.9974497886)(0.9994904782) 1-se = 9.2739211675 × 10-7 If the counts in the pixel are I = 156 1/2, then dI=12.4899959968 from Equation 3.8 on page 15 of the SANS duts elduction domined I = I/a-12 = 156/9.2739211675×167 Icon = 1.6821363605 x108 end dIcon = dI/ds 12. 4899959968/9. 273921675×10? dIcon = 1.3467869493×107

SIGNATURE _____READ AND UNDERSTOOD

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