& page

Rotation 3×3	Translation 3×1	page 0
Perspective L×3	Scaling 1×1	

Example 2.1 -> See dicgram on p.6, section 2

	cos 30°		-73	↑ ŞB
$\left(\begin{array}{c} \wedge & \beta \\ \times & A \end{array}\right)^A =$	sin 300	=	一之	3005
	0		0	
	-sin 300	7 7	- 1 -	3ª 3ª
= A(ap)	coszo	' =	-73	3 . A
3	0		0	1',
	[0]			χ̈́A
$(\mathring{\mathcal{Z}}^{\mathcal{B}})^{A} =$	0			
•	[4]			

	13	- 1	0		10
-> Rotation =	7	73	0	Translation =	5
7	0	0	4		0

	<u>2</u>	- 12	O	10		
-	12	73	0	5	- TB	
-/	0	0	1	0		
	0	0	0	1		
			CONTRACTOR OF THE PROPERTY OF			

	3]			73	- 1/2	0	10	[3	1
p ^B =	7	=>	PA -	1 2	73	0	5	7	
	0]			0	0	ι	0	0	
	-6			0	0	0	1	LIJ	

	136
-> p^ =	12-562
-/ \	0
	1

Example 2.75

These, Trase, Totalion are all known.

Ulege is the box relative to the tool?

=> Troot?

= Tool base

Tool base

Tool BASE STATION

= (TOOL) TSTATION TOOK

= (TOOL) TSTATION TOOK

TRASE STATION

 $\frac{1}{1} = \begin{bmatrix}
0.866 & -0.5 & 0.866 & 0.5 \\
0.5 & 0.866 & 0.3
\end{bmatrix}$

-4.964 = 0.598