Com	mon	Matrio	ces in	Open	GL											ŀ
Indic	Indices of Column Major				rder	Translation Matrix							Scal	le Matrix		ł
0	4	8	12			1	0	0	Х				х	0	0	T
1	5	9	13			0	1	0	у				0	у	0	Ť
2	6	10	14			0	0	1	z				0	0	Z	Ī
3	7	11	15			0	0	0	1				0	0	0	I
Rota	ition N	/latric	es													ŀ
(Trig	funct	ion of	f the a	angle o	of rotation	on in rad	ians)									
X Rotation						Y Ro	า					Z Ro	otation			
1	0	0	0			cos	0	sin	0				cos	-sin	0	
0	cos	-sin	0			0	1	0	0				sin	cos	0	
0	sin	cos	0			-sin	0	cos	0				0	0	1	
0	0	0	1			0	0	0	1				0	0	0	Ī
Pers	pectiv	∕e Ma	trix													
Whe	re f is	the f	rustur	n scal	e calcul	ated with	h the	cotan	(fovy	/ 2)						
f/aspect ratio		0	0				0									
0			f	0				0								
0	0		0	-(far -	-(far + near)/(far - near)			-2(far * near)/(far - near)								
0			0	-1				0								F
																t
Orde	er of N	/latrix	Multi	plication	n											