	SIX BAR I	SIX BAR MECHANISM															
	AX=B																
We have 16	We have 16 equations and 16 unknowns	16 unknowns															
For reference																	
F_DX	F_DY	F_CX	F_CY	F_A4X	F_A4Y	F_A1X	F_A1Y	F_OX	F_0Y	F_A2X	F_A2Y	F_BX	F_BY	z	_		
A=																*	B=
-	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	F_DX	m_5*(a_c5x)
0	-	0	-	0	0	0	0	0	0	0	0	0	0	0	0	F_DY	(m_5*g)+(m_5*[a_c5y])
0	0	-	0	1	0	0	0	0	0	0	0	0	0	0	0	F_CX	m_4*(a_c4x)
0	0	0	-1	0	-	0	0	0	0	0	0	0	0	0	0	F_CY	(m_4*g)+(m_4*[a_c4y])
0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	F_A4X	m_1*(a_c1x)
0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	F_A4Y	(m_1*g)+(m_1*[a_c1y])
0	0	0	0	0	0	0	0	0	0	-	0	-	0	0	0	F_A1X	m_2*(a_c2x)
0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	F_A1Y	(m_2*g)+(m_2*[a_c2y])
0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	F_OX	-m_3*(a_B)
0	0	0	0	0	0	0	0	0	0	0	0	0	-1	1	0	F_OY	m 3*g
0	0	0	0	1	0	-	0	0	0	-	0	0	0	0	0	F_A2X	0
0	0	0	0	0	-	0	-	0	0	0	1	0	0	0	0	F_A2Y	0
0	0	-L_DC*(sin_tet5) L_DC*(cos_tet5)	L_DC*(cos_tet5)	0	0	0	0	0	0	0	0	0	0	0	-	F_BX	$[1\_(dc/d)^*(alpha\_dc)] + [0.5^*(L\_dc)^*(cos\_tet5)^*(m\_5)^*(g+a\_c5y)] + [0.5^*(L\_dc)^*(sin\_tet5)^*(m\_5^*a\_c5x)]$
0	0	0	0	L_AC*(sin_tet4) -L_/	-L_AC*(cos_tet4)	0	0	0	0	0	0	0	0	0	0	F_BY	[I_(ac/c)*(alpha_ac)]+[0.5*(L_ac)*(cos_tet4)*(m_4)*(g+a_c4y)]-[0.5*(L_ac)*(sin_tet4)*(m_4*a_c4x)]
0	0	0	0	0	0	L AO*(sin_tet1) L	AO*(cos_tet1)	0	0	0	0	0	0	0	0	z	$[l\_(ao/o)^*(alpha\_ao)] + [0.5^*(L\_ao)^*(cos\_tet1)^*(m\_1)^*(g+a\_c1y)] + [0.5^*(L\_ao)^*(sin\_tet1)^*(m\_1^*a\_c1x)]$
0	0	0	0	0	0	0	0	0	0	0	0	L_AB*(sin_tet2) -L_AB*(cos	AB*(cos_tet2)	0	0	⊢	[l_(ab/a)*(alpha_ab)]+[0.5*(L_ab)*(cos_tet2)*(m_2)*(g+a_c2y)]-[0.5*(L_ab)*(sin_tet2)*(m_2*a_c2x)]