4-Bar Linkage

a=	7	Link 2
b=	11	Link 3
c=	6	Link 4
d=	9	Link 1
$\theta_2 =$	120	2.094395102
$\dot{\theta}_2 =$	15	$1/s$
$\ddot{\theta}_2 =$	-65	$1/s^2$

By=	5.81	-2.42
Bx=	7.50	3.51
$\theta_3 =$	-1.3	-50.4	-0.02304	-0.88007
$\theta_4 =$	104.5	-156.3	1.823979	-2.72709
$\dot{\theta}_3 =$	2.6504E+00	9.8626E+00
$\dot{\theta}_4 =$	1.5539E+01	-3.0259E+00
$\ddot{\theta}_3 =$	-6.9538E+00	-2.6177E+01
$\ddot{\theta}_4 =$	-1.2733E+02	9.4202E+01

K1= 4.6800E+00
K2= 4.8497E-01
K3= 3.3923E+00
K4= -1.4036E+01

p= 15
δ= 60
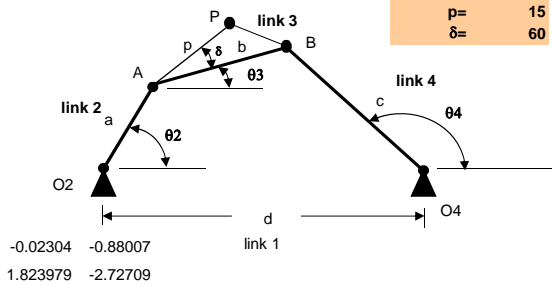
	x comp	y comp	mag	angle	e_r i	e_r j	e_θ i	e_θ j
r04=	9.00	0.00	9.000	0.0	1.000	0.000	0.000	1.000
rA=	-3.50	6.06	7.000	120.0	-0.500	0.866	-0.866	-0.500
rBA=	11.00	-0.25	11.000	-1.3	1.000	-0.023	0.023	1.000
rBO4=	-1.50	5.81	6.000	104.5	-0.250	0.968	-0.968	-0.250
rB=	7.50	5.81	9.484	37.8	0.790	0.612	-0.612	0.790
rPA=	7.80	12.81	15.000	58.7	0.520	0.854	-0.854	0.520
rP=	4.30	18.88	19.359	77.2	0.222	0.975	-0.975	0.222
vA=	-90.93	-52.50	105.000	-150.0	-0.866	-0.500	0.500	-0.866
vBA=	0.67	29.15	29.154	88.7	0.023	1.000	-1.000	0.023
vB=	-90.26	-23.35	93.233	-165.5	-0.968	-0.250	0.250	-0.968
vPA=	-33.96	20.67	39.756	148.7	-0.854	0.520	-0.520	-0.854
vP=	-124.89	-31.83	128.888	-165.7	-0.969	-0.247	0.247	-0.969
aA=	1181.54	-1136.49	1639.405	-43.9	0.721	-0.693	0.693	0.721
aBA=	-79.01	-74.69	108.727	-136.6	-0.727	-0.687	0.687	-0.727
aB=	1102.53	-1211.18	1637.844	-47.7	0.673	-0.739	0.739	0.673
aPA=	34.33	-144.23	148.263	-76.6	0.232	-0.973	0.973	0.232
aP=	1215.88	-1280.72	1765.958	-46.5	0.689	-0.725	0.725	0.689
ALT	x comp	y comp	mag	angle	i	j	i	j
rO4=	9.00	0.00	9.000	0.0	1.000	0.000	0.000	1.000
rA=	-3.50	6.06	7.000	120.0	-0.500	0.866	-0.866	-0.500
rBA=	7.01	-8.48	11.000	-50.4	0.637	-0.771	0.771	0.637
rBO4=	-5.49	-2.42	6.000	-156.3	-0.915	-0.403	0.403	-0.915
rB=	3.51	-2.42	4.260	-34.6	0.824	-0.567	0.567	0.824
rPA=	14.79	2.50	15.000	9.6	0.986	0.166	-0.166	0.986
rP=	11.29	8.56	14.167	37.2	0.797	0.604	-0.604	0.797
vA=	-90.93	-52.50	105.000	-150.0	-0.866	-0.500	0.500	-0.866
vBA=	83.62	69.12	108.488	39.6	0.771	0.637	-0.637	0.771
vB=	-7.31	16.62	18.155	113.7	-0.403	0.915	-0.915	-0.403
vPA=	-24.61	145.88	147.939	99.6	-0.166	0.986	-0.986	-0.166
vP=	-115.54	93.38	148.558	141.1	-0.778	0.629	-0.629	-0.778
aA=	1181.54	-1136.49	1639.405	-43.9	0.721	-0.693	0.693	0.721
aBA=	-903.63	641.27	1108.044	144.6	-0.816	0.579	-0.579	-0.816
aB=	277.92	-495.22	567.876	-60.7	0.489	-0.872	0.872	0.489
aPA=	-1373.41	-629.90	1510.970	-155.4	-0.909	-0.417	0.417	-0.909
aP=	-191.87	-1766.39	1776.784	-96.2	-0.108	-0.994	0.994	-0.108