Initial Conditions		
a =	9.174	Link 2
b =	12.971	Link 3
c =	9.573	Link 4
d =	7.487	Link 1
theta2 =	-25.999	
rPA =	15.17	
delta=	0	
omega2=	57.3	1rad/s

Solution	deg.	rad.
theta3 =	198.6855	3.46746
theta4 =	266.9297	4.658459
Vp=	2984.402	52.08381

Constants	
K1 =	-31.9648
K2 =	5.30113
K3 =	50.33338
K4 =	14.37284

Not Grashof

						er		ea	
First Solution	x comp	y comp	mag	angle	i	j	i	j	
rC	7.487	0	7.487	0	1	0	0	1	
rA	8.24561	-4.02147	9.174	-25.999	0.8988	-0.43836	0.43836	0.8988	
rBA	3.95607	12.35299	12.971	72.24225	0.30499	0.95235	-0.95235	0.30499	
rB	12.20167	8.33152	14.77481	34.32595	0.82584	0.5639	-0.5639	0.82584	
rBC	4.71467	8.33152	9.573	60.49517	0.4925	0.87031	-0.87031	0.4925	
rPA	4.62675	14.44722	15.17	72.24225	0.30499	0.95235	-0.95235	0.30499	
rP	12.87235	10.42575	16.56483	39.00516	0.77709	0.62939	-0.62939	0.77709	
Va	230.4304	472.4733	525.6702	64.001	0.43836	0.8988	-0.8988	0.43836	
Vba	-2454.36	786.0128	2577.149	162.2423	-0.95235	0.30499	-0.30499	-0.95235	
Vb	-2223.93	1258.486	2555.318	150.4952	-0.87031	0.4925	-0.4925	-0.87031	
Vpa	-2870.45	919.2672	3014.059	162.2423	-0.95235	0.30499	-0.30499	-0.95235	
Vp	-2640.02	1391.74	2984.402	152.2032	-0.88461	0.46634	-0.46634	-0.88461	