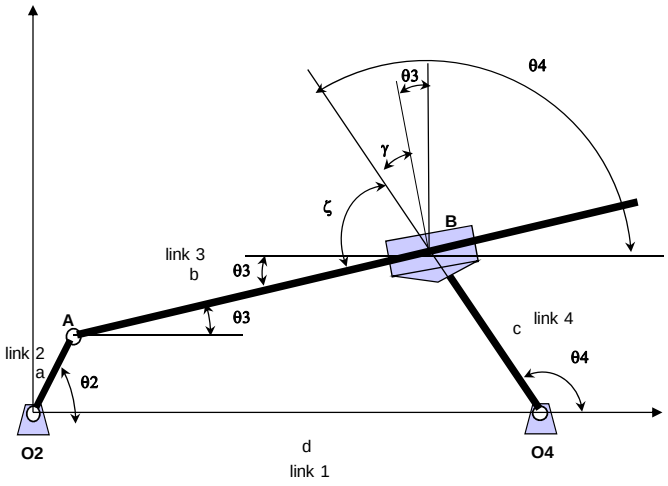
Inverted Slider Crank

a=	**5**	Link 2
c=	**3**	Link 4
d=	**8**	Link 1
$\theta_2 =$	**25**	
γ=	**60**	
$\dot{\theta}_2 =$	**-50**	$1/s$
$\ddot{\theta}_2 =$	**20**	$1/s^2$

b=	**1.18**	**-6.37**
$\theta_4 =$	**140.32**	**-83.03**
$\theta_3 =$	**-9.68**	**-233.03**
$\dot{\theta}_4 =$	**54.47**	**13.74**
$\dot{\theta}_3 =$	**54.47**	**13.74**
b-dot=	**-223.94**	**223.94**
$\ddot{\theta}_4 =$	**7147.34**	**4940.24**
$\ddot{\theta}_3 =$	**7147.34**	**4940.24**
b-dotdot=	**10814.58**	**-10814.58**

ζ=	150
K1=	1.94722974
K2=	3.564221286
K3=	1.5



	x comp	y comp	mag	angle	i	j
rO4=	**8.00**	**0.00**	**8.00**	**0.0**	**1.000**	**0.000**
rA=	**4.53**	**2.11**	**5.00**	**25.0**	**0.906**	**0.423**
rBA=	1.16	-0.20	1.18	-9.7	0.986	-0.168
rBO4=	-2.31	1.92	3.00	140.3	-0.770	0.638
rB=	**5.69**	**1.92**	**6.00**	**18.6**	**0.948**	**0.319**
vA=	**105.65**	**-226.58**	**250.00**	**-65.0**	**0.423**	**-0.906**
vBA=	-209.99	100.80	232.93	154.4	-0.902	0.433
vB=	**-104.33**	**-125.77**	**163.42**	**-129.7**	**-0.638**	**-0.770**
aA=	**-11371.11**	**-5192.10**	**12500.40**	**-155.5**	**-0.910**	**-0.415**
aBA=	4532.40	-16994.14	17588.16	-75.1	0.258	-0.966
aB=	**-6838.71**	**-22186.24**	**23216.31**	**-107.1**	**-0.295**	**-0.956**

alt	x comp	y comp	mag	angle	i	j
rO4=	**8.00**	**0.00**	**8.00**	**0.0**	**1.000**	**0.000**
rA=	**4.53**	**2.11**	**5.00**	**25.0**	**0.906**	**0.423**
rBA=	3.83	-5.09	6.37	-53.0	0.601	-0.799
rB04=	0.36	-2.98	3.00	-83.0	0.121	-0.993
rB=	**8.36**	**-2.98**	8.88	-19.6	0.942	-0.335
vA=	**105.65**	**-226.58**	**250.00**	**-65.0**	**0.423**	**-0.906**
vBA=	-64.73	231.58	240.46	105.6	-0.269	0.963
vB=	**40.92**	**5.01**	**41.23**	**7.0**	**0.993**	**0.121**
aA=	**-11371.11**	**-5192.10**	12500.40	-155.5	-0.910	-0.415
aBA=	26013.33	7554.27	27088.01	16.2	0.960	0.279
aB=	14642.22	2362.17	14831.53	9.2	0.987	0.159