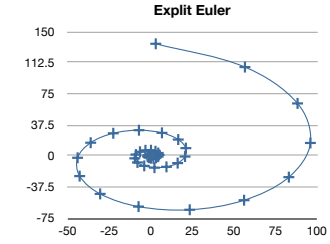
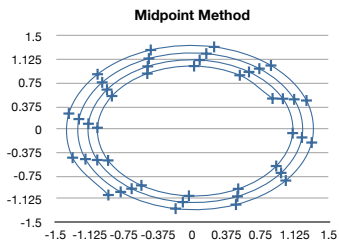


DT: 0.5



+ new x



+ new x

Explicit						
t	x	y	dx	dy	new x	new y
0	1.0	0.0	0	1	1	0.5
0.5	1	0.5	-0.5	1	0.75	1
1	0.75	1	-1	0.75	0.25	1.375
1.5	0.25	1.375	-1.375	0.25	-0.4375	1.5
2	-0.4375	1.5	-1.5	-0.4375	-1.1875	1.29125
2.5	-1.1875	1.29125	-1.29125	-1.1875	-1.828125	0.8975
3	-1.828125	0.8975	-0.8975	-1.828125	-2.171875	-0.2265625
3.5	-2.171875	-0.2265625	0.2265625	-2.171875	-2.05859375	-1.3125
4	-2.05859375	-1.3125	1.3125	-2.05859375	-1.40234375	-2.341796875
4.5	-1.40234375	-2.341796875	2.341796875	-1.40234375	-0.231445313	-3.04296875
5	-0.231445313	-3.04296875	3.04296875	-0.231445313	1.2900390625	-3.158691406
5.5	1.2900390625	-3.158691406	3.158691406	1.2900390625	2.8693847656	-2.513671875
6	2.8693847656	-2.513671875	2.513671875	2.8693847656	4.1262207031	-1.078979492
6.5	4.1262207031	-1.078979492	1.078979492	4.1262207031	4.6657104492	0.9841308594
7	4.6657104492	0.9841308594	-0.9841308594	4.6657104492	4.1736450195	3.316986094
7.5	4.1736450195	3.316986094	-3.316986094	4.1736450195	2.5151519775	5.4038085938
8	2.5151519775	5.4038085938	-5.4038085938	2.5151519775	-0.186752319	6.6613845825
8.5	-0.186752319	6.6613845825	6.6613845825	-0.186752319	-3.517444611	6.5680084229
9	-3.517444611	6.5680084229	-6.5680084229	-3.517444611	-6.801448822	4.8092861176
9.5	-6.801448822	4.8092861176	4.8092861176	-6.801448822	-9.206091881	1.4085617065
10	-9.206091881	1.4085617065	-1.4085617065	-9.206091881	-9.910372734	-3.194484234
10.5	-9.910372734	-3.194484234	3.194484234	-9.910372734	-8.313130617	-8.149670601
11	-8.313130617	-8.149670601	8.149670601	-8.313130617	-4.238295317	-12.30623591
11.5	-4.238295317	-12.30623591	12.30623591	-4.238295317	1.914822638	-14.42538357
12	1.914822638	-14.42538357	14.42538357	1.914822638	9.1275144219	-13.46797225
12.5	9.1275144219	-13.46797225	13.46797225	9.1275144219	15.861500546	-8.904215038
13	15.861500546	-8.904215038	8.904215038	15.861500546	20.313608065	-0.973464765
13.5	20.313608065	-0.973464765	0.973464765	20.313608065	20.800340448	9.183339268
14	20.800340448	9.183339268	-9.183339268	20.800340448	16.208670814	19.583509492
14.5	16.208670814	19.583509492	19.583509492	16.208670814	6.4169160677	27.687844899
15	6.4169160677	27.687844899	-27.687844899	6.4169160677	-7.427006382	30.896302932
15.5	-7.427006382	30.896302932	30.896302932	-7.427006382	-22.87515785	27.182799742
16	-22.87515785	27.182799742	27.182799742	-22.87515785	-36.46655772	15.745220818
16.5	-36.46655772	15.745220818	-15.745220818	-36.46655772	-44.33916813	-2.488058042
17	-44.33916813	-2.488058042	2.488058042	-44.33916813	-43.09513911	-24.65764211
17.5	-43.09513911	-24.65764211	24.65764211	-43.09513911	-30.76631805	-46.20521166
18	-30.76631805	-46.20521166	46.20521166	-30.76631805	-7.663712225	-61.58837069
18.5	-7.663712225	-61.58837069	61.58837069	-7.663712225	23.130473118	-65.4202268
19	23.130473118	-65.4202268	65.4202268	23.130473118	55.840586517	-53.85499024
19.5	55.840586517	-53.85499024	53.85499024	55.840586517	82.768081637	-25.93496998
20	82.768081637	-25.93496998	25.93496998	82.768081637	95.735430127	15.449343838
20.5	95.735430127	15.449343838	-15.449343838	95.735430127	88.010758208	63.317058901
21	88.010758208	63.317058901	-63.317058901	88.010758208	56.35228757	107.32243801
21.5	56.35228757	107.32243801	107.32243801	56.35228757	2.6910097546	135.49855238

Midpoint Method										
t	x	y	dx	dy	mid x	mid y	d mid x	d mid y	new x	new y
0	1.0	0.0	0	1	1	0.25	-0.25	1	0.875	0.5
0.5	0.875	0.5	-0.5	0.875	0.75	0.71875	-0.71875	0.75	0.515625	1.0234375
1	0.515625	0.875	-0.875	0.515625	0.296875	1.00390625	-1.00390625	0.296875	0.013671875	1.0234375
1.5	0.013671875	1.0234375	-1.0234375	0.013671875	-0.2421875	1.028554688	-1.028554688	-0.2421875	-0.499755859	0.90234375
2	-0.499755859	0.90234375	-0.90234375	-0.499755859	-0.725341787	0.777404785	-0.777404785	-0.725341787	-0.888458252	0.539672816
2.5	-0.888458252	0.539672816	-0.539672816	-0.888458252	-1.023376465	0.317558286	-0.317558286	-1.023376465	-1.047237396	0.027984619
3	-1.047237396	0.027984619	0.027984619	-1.047237396	-1.054233551	-0.23382473	0.23382473	-1.054233551	-0.93025031	-0.499132156
3.5	-0.93025031	-0.499132156	0.499132156	-0.93025031	-0.805541992	-0.731713414	0.731713414	-0.805541992	-0.56468324	-0.901903152
4	-0.56468324	-0.901903152	0.901903152	-0.56468324	-0.338992536	-0.043020234	0.043020234	-0.338992536	-0.042958207	-1.07139842
4.5	-0.042958207	-1.07139842	1.07139842	-0.042958207	0.2248916477	1.082138972	-1.082138972	0.2248916477	0.4981112788	-0.585953597
5	0.4981112788	-0.585953597	0.585953597	0.4981112788	0.7378496779	-0.834425777	0.834425777	0.7378496779	0.9153241672	-0.590027588
5.5	0.9153241672	-0.590027588	0.590027588	0.9153241672	1.0628313567	-0.361197716	0.361197716	1.0628313567	1.059230252	-0.58613079
6	1.059230252	-0.58613079	0.58613079	1.059230252	1.110578295	0.215367679	-0.215367679	1.110578295	0.9882391867	0.4966750681
6.5	0.9882391867	0.4966750681	-0.4966750681	0.9882391867	0.864074197	0.7437348648	-0.7437348648	0.864074197	0.6163717543	0.928710278
7	0.6163717543	0.928710278	-0.928710278	0.6163717543	0.3841941848	1.0828032166	-1.0828032166	0.3841941848	0.0749070146	1.1208073704
7.5	0.0749070146	1.1208073704	-1.1208073704	0.0749070146	-0.205231697	1.1395499069	-1.1395499069	-0.205231697	-0.494804807	1.0181915221
8	-0.494804807	1.0181915221	-1.0181915221	-0.494804807	-0.749352688	0.8944903202	-0.8944903202	-0.749352688	-0.942049868	0.6435151781
8.5	-0.942049868	0.6435151781	-0.6435151781	-0.942049868	-1.102928762	0.408028682	-0.408028682	-1.102928762	-1.146051311	0.0920507971
9	-1.146051311	0.0920507971	0.0920507971	-1.146051311	-1.16906401	-0.194462031	0.194462031	-1.16906401	-1.048820295	-0.492481208
9.5	-1.048820295	-0.492481208	0.492481208	-1.048820295	-0.925699993	-0.7546682817	0.7546682817	-0.925699993	-0.671477155	-0.955331205
10	-0.671477155	-0.955331205	0.955331205	-0.671477155	-0.43264353	-1.123200493	1.123200493	-0.43264353	-0.109876908	-1.171653381
10.5	-0.109876908	-1.171653381	1.171653381	-0.109876908	0.1830364374	-1.199122608	1.199122608	0.1830364374	0.4896843962	-1.080135163
11	0.4896843962	-1.080135163	1.080135163	0.4896843962	0.7597181869	-0.9577140635	0.9577140635	0.7597181869	0.968541428	-0.700276069
11.5	0.968541428	-0.700276069	0.700276069	0.968541428	1.1436104452	-0.458140712	0.458140712	1.1436104452	1.197611784	-0.128470847
12	1.197611784	-0.128470847	0.128470847	1.197611784	1.2297294957	-0.170932099	0.170932099	1.2297294957	1.1121457343	0.486339013
12.5	1.1121457343	0.486339013	-0.486339013	1.1121457343	0.990547259	0.7644303349	-0.7644303349	0.990547259	0.7299305668	0.9816675308
13	0.7299305668	0.9816675308	-0.9816675308	0.7299305668	0.4845136841	1.1641501725	-1.1641501725	0.4845136841	0.1478554806	1.2239243729
13.5	0.1478554806	1.2239243729	-1.2239243729	0.1478554806	-0.158125613	1.260888243	-1.260888243	-0.158125613	-0.482588641	1.1448615666
14	-0.482588641	1.1448615666	-1.1448615666	-0.482588641	-0.768804033	1.0242144063	-1.0242144063	-0.768804033	-0.994695844	0.7604595503
14.5	-0.994695844	0.7604595503	-0.7604595503	-0.994695844	-1.184810732	0.5117855893	-0.5117855893	-1.184810732	-1.250588639	0.1680541844
15	-1.250588639	0.1680541844	0.1680541844	-1.250588639	-1.292602185	-0.1445829752	0.1445829752	-1.292602185	-1.178292151	-0.478246908
15.5	-1.178292151	-0.478246908	0.478246908	-1.178292151	-0.58730424	-0.7728199457	0.7728199457	-0.58730424	-0.791882178	-1.00761212
16	-0.791882178	-1.00761212	1.00761212	-0.791882178	-0.539979148	-1.205826265	1.205826265	-0.539979148	-0.189090846	-1.277601694
16.5	-0.189090846	-1.277601694	1.277601694	-0.189090846	0.1303095776	-1.3248744056	1.3248744056	0.1303095776	0.4733463569	-1.121446905
17	0.4733463569	-1.121446905	1.121446905	0.4733463569	0.7764580832	-1.094110316	1.094110316	0.7764580832	1.0204015149	-0.824217864
17.5	1.0204015149	-0.824217864	0.824217864	1.0204015149	1.2264559809	-0.569117485	0.569117485	1.2264559809	1.3049602574	-0.210989873
18	1.3049602574	-0.210989873	0.210989873	1.3049602574	1.3577077258	-0.1152501911	0.1152501911	1.3577077258	1.2473351619	0.7876399896
18.5	1.2473351619	0.7876399896	-0.7876399896	1.2473351619	1.1303691645	0.77969778	-0.77969778	1.1303691645	0.8574862719	1.0330485718
19	0.8574862719	1.0330485718	-1.0330485718	0.8574862719	0.5992241289	1.2474201398	-1.2474201398	0.5992241289	0.233776202	1.3326606363
19.5	0.233776202	1.3326606363	-1.3326606363	0.233776202	-0.099388957	1.3911046868	-1.3911046868	-0.099388957	-0.461776141	1.282961577
20	-0.461776141	1.282961577	-1.282961577	-0.461776141	-0.782517681	1.1675221224	-1.1675221224	-0.782517681	-1.045537203	0.8917073173
20.5	-1.045537203	0.8917073173	-0.8917073173	-1.045537203	-1.268464032	0.630320167	-0.630320167	-1.268464032	-1.360698711	0.2574753013
21	-1.3606									