

t	v	x	cos(t)
0	0	1	1
0.2	-0.2	1	0.980066578
0.4	-0.4	0.96	0.921060994
0.6	-0.592	0.88	0.825335615
0.8	-0.768	0.7616	0.696706709
1	-0.92032	0.608	0.540302306
1.2	-1.04192	0.423936	0.362357754
1.4	-1.1267072	0.215552	0.169967143
1.6	-1.1698176	-0.00978944	-0.029199522
1.8	-1.167859712	-0.24375296	-0.227202095
2	-1.11910912	-0.477324902	-0.416146837
2.2	-1.02364414	-0.701146726	-0.588501117
2.4	-0.883414794	-0.905875554	-0.737393716
2.6	-0.702239683	-1.082558513	-0.856888753
2.8	-0.485727981	-1.22300645	-0.942222341
3	-0.241126691	-1.320152046	-0.989992497
3.2	0.022903718	-1.368377384	-0.998294776
3.4	0.296579195	-1.36379664	-0.966798193
3.6	0.569338523	-1.304480801	-0.896758416
3.8	0.830234684	-1.190613097	-0.790967712
4	1.068357303	-1.02456616	-0.653643621
4.2	1.273270535	-0.810894699	-0.490260821
4.4	1.435449475	-0.556240592	-0.30733287
4.6	1.546697593	-0.269150697	-0.112152527
4.8	1.600527733	0.040188821	0.087498983
5	1.592489969	0.360294368	0.283662185
5.2	1.520431095	0.678792361	0.468516671
5.4	1.384672623	0.98287858	0.634692876
5.6	1.188096907	1.259813105	0.775565879
5.8	0.936134286	1.497432486	0.885519517
6	0.636647788	1.684659343	0.960170287
6.2	0.29971592	1.811988901	0.996542097
6.4	-0.062681861	1.871932085	0.993184919