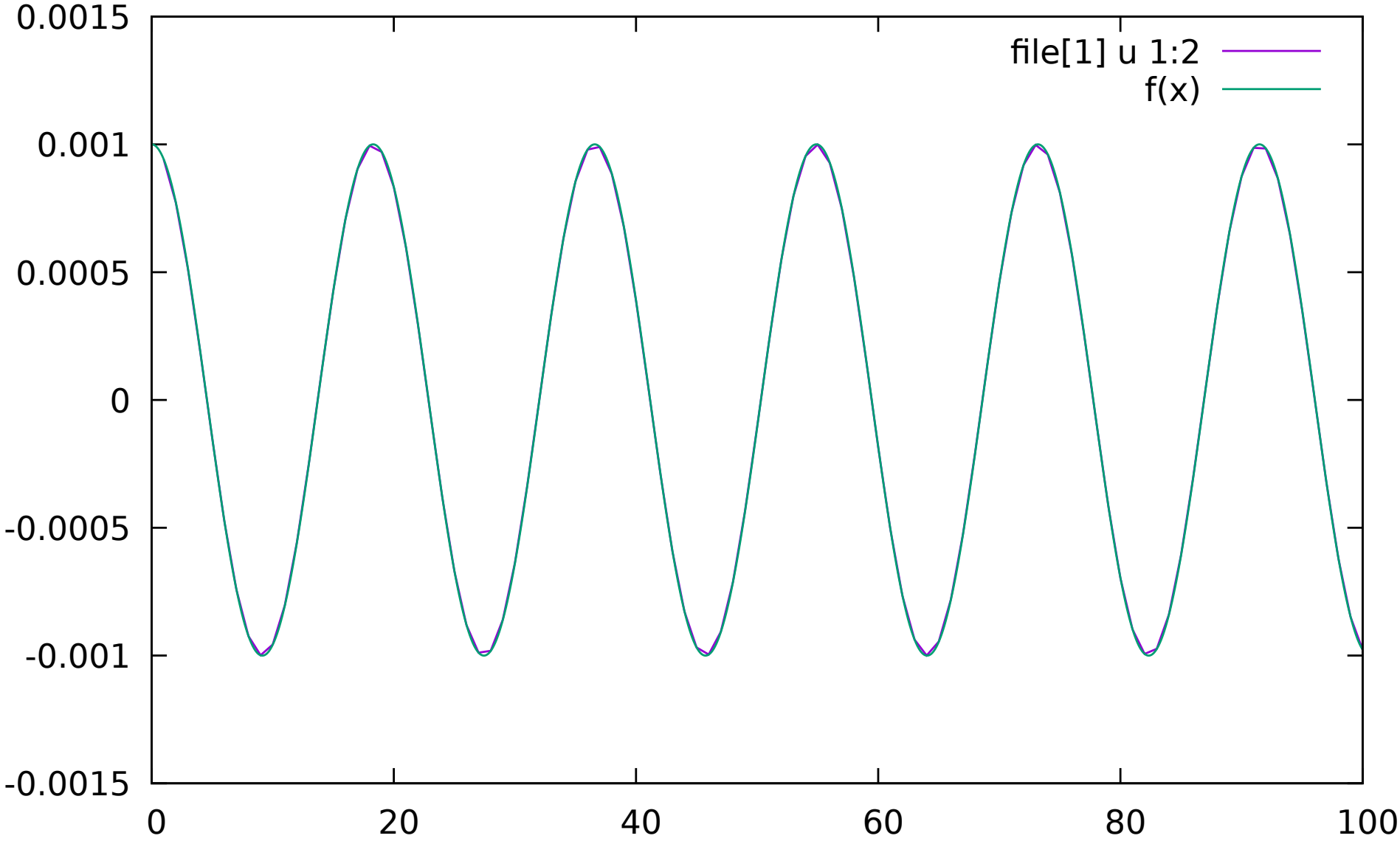
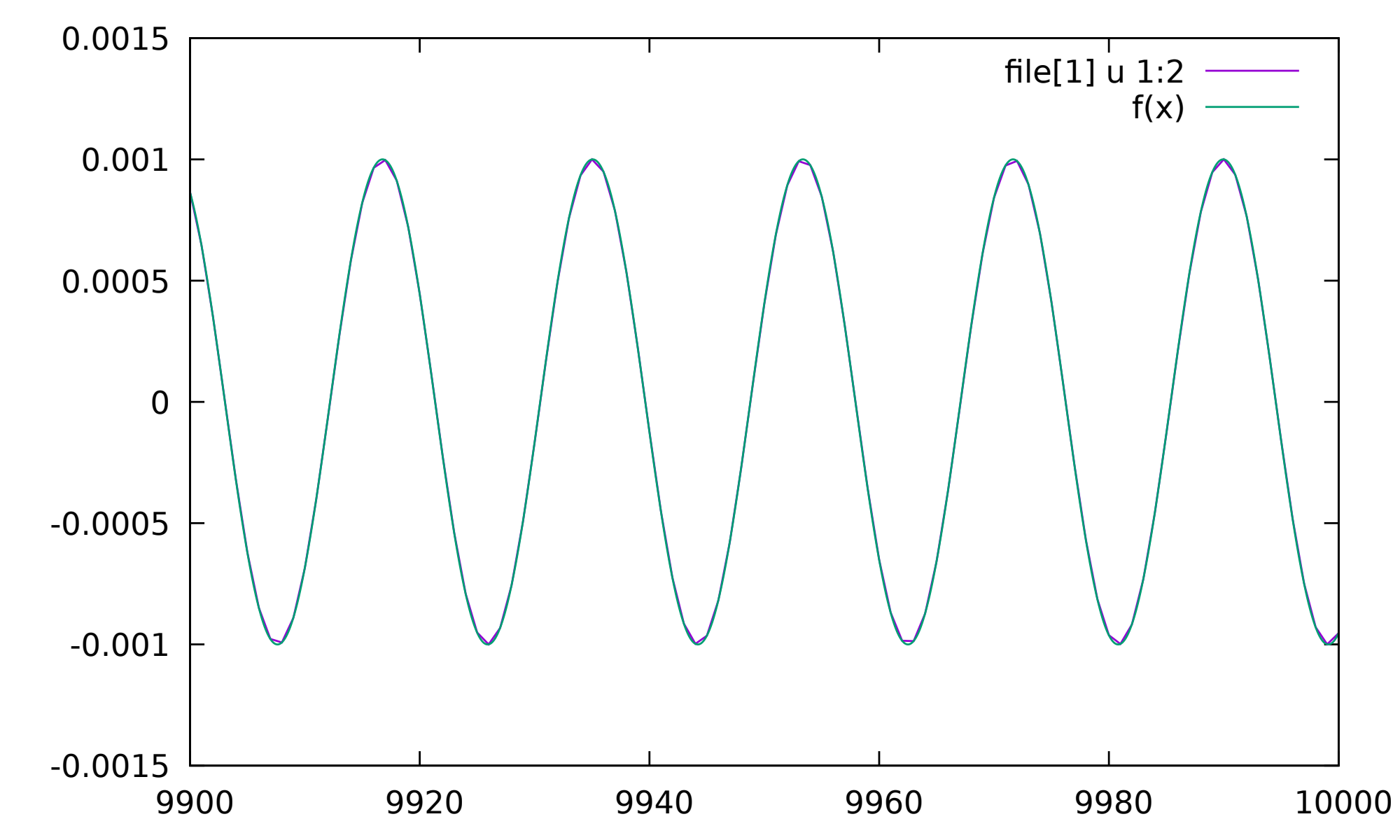
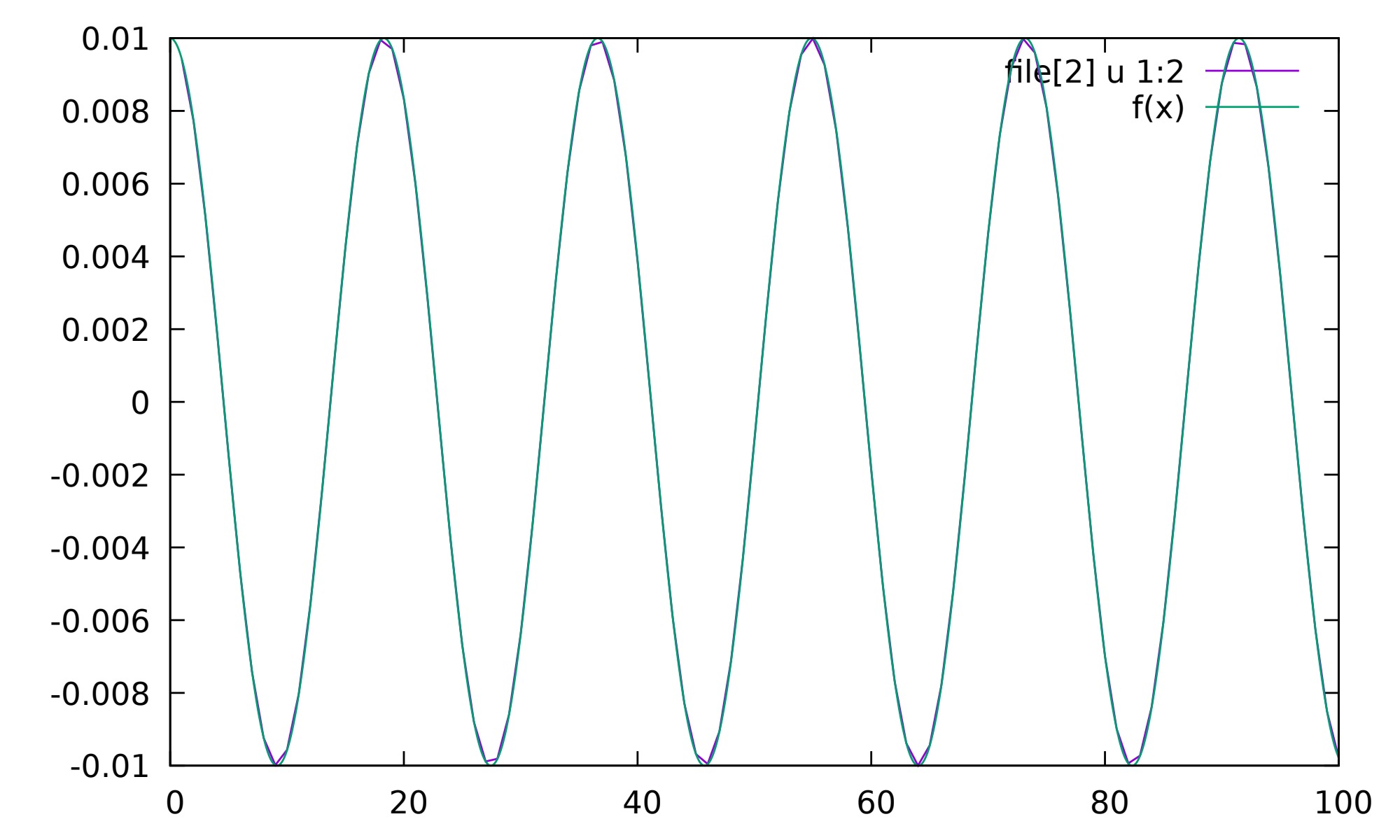
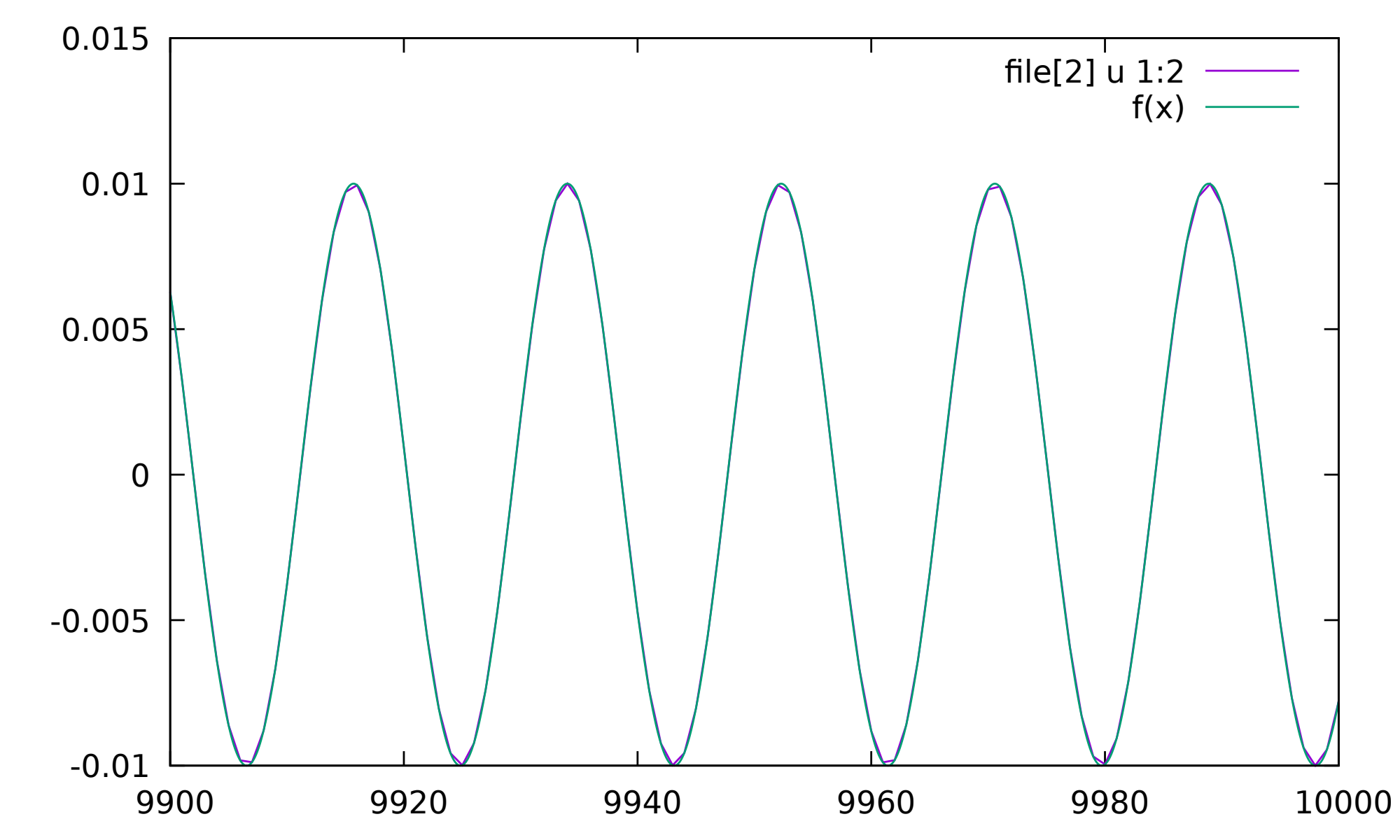
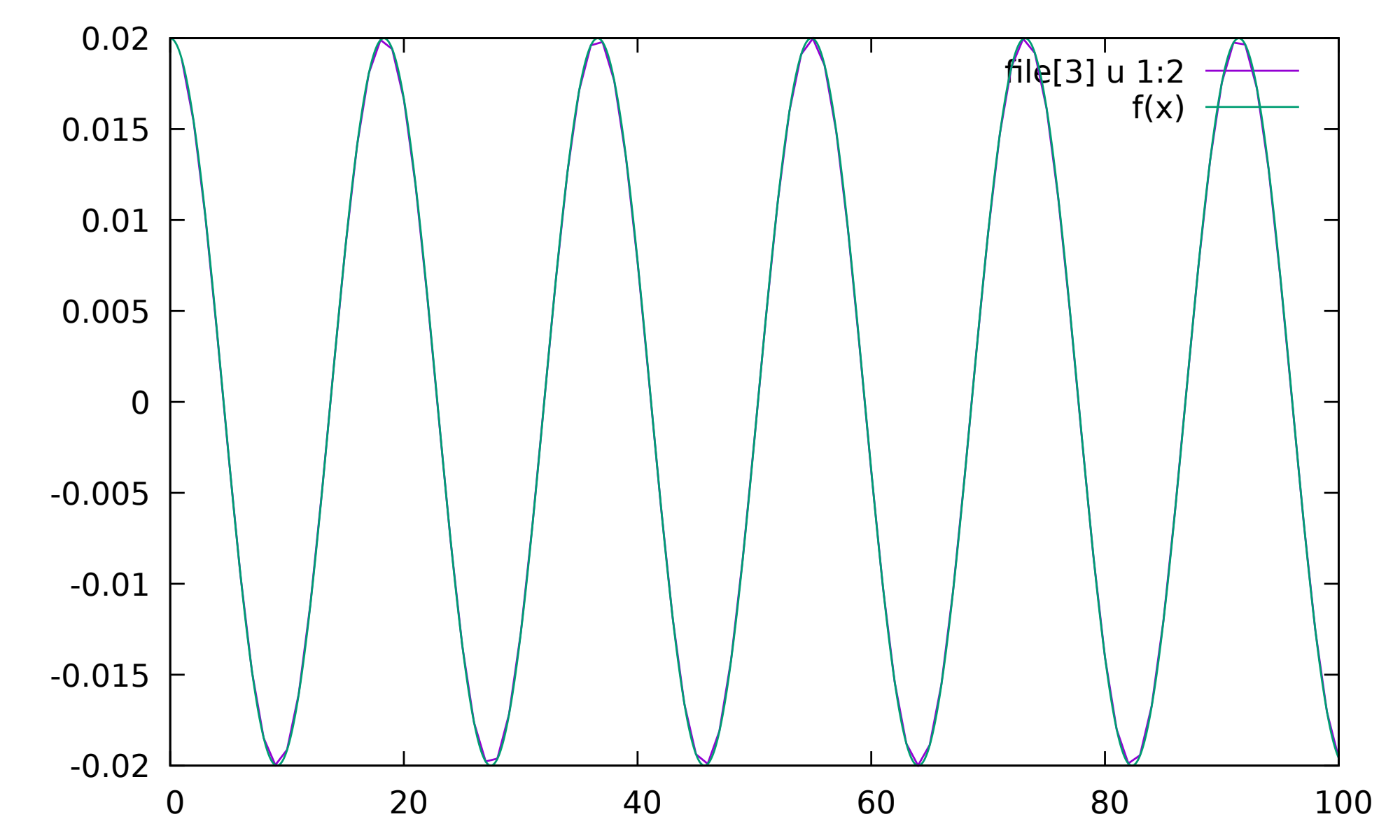
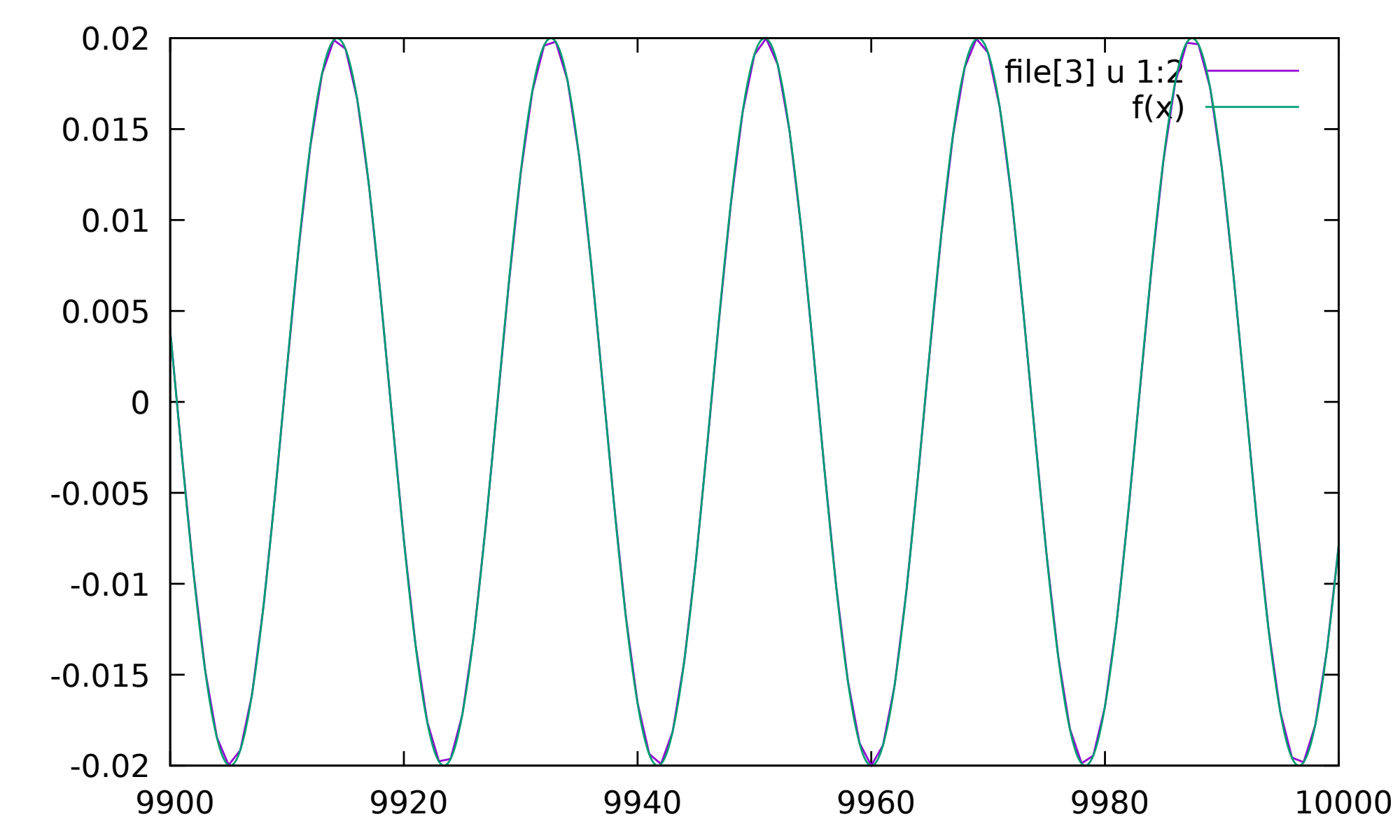

0.0015
0.001
0.0005
0
-0.0005
-0.001
-0.0015
0
20
40
60
80
100
file[1] u 1:2
f(x)

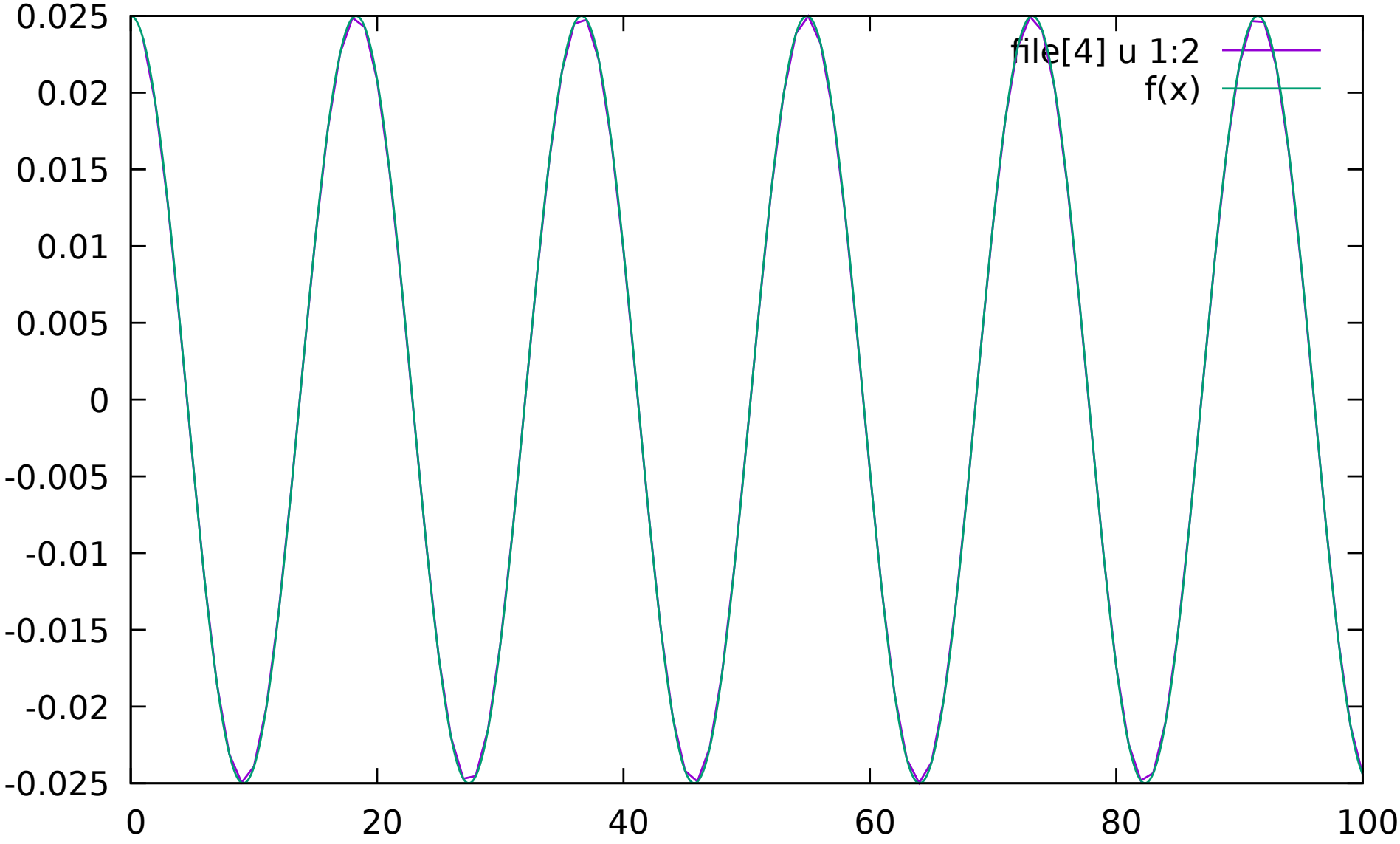

0.0015
0.001
0.0005
0
-0.0005
-0.001
-0.0015
9900
9920
9940
9960
9980
10000
file[1] u 1:2
f(x)

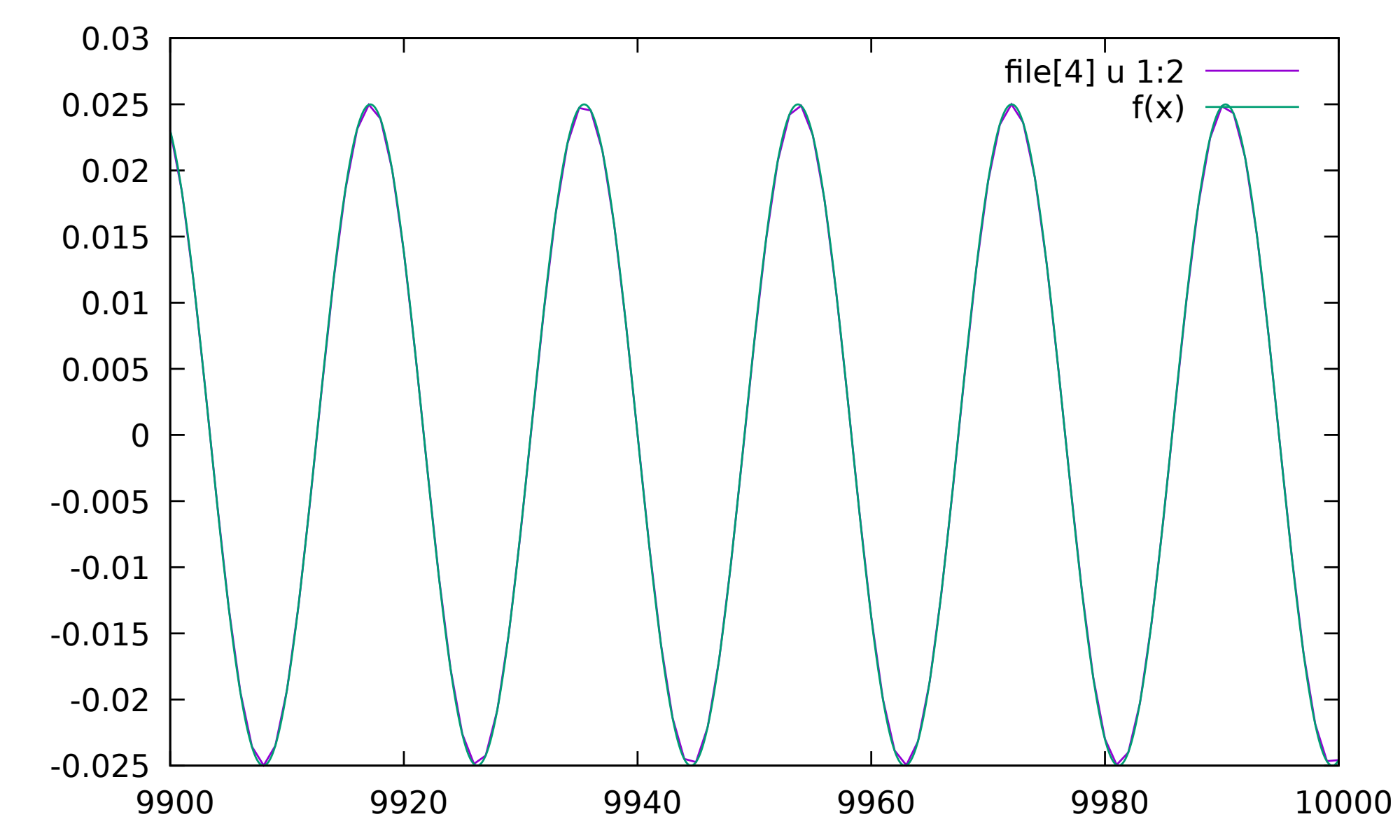

file[2] u 1:2
f(x)
0.01
0.008
0.006
0.004
0.002
0
-0.002
-0.004
-0.006
-0.008
-0.01
0
20
40
60
80
100

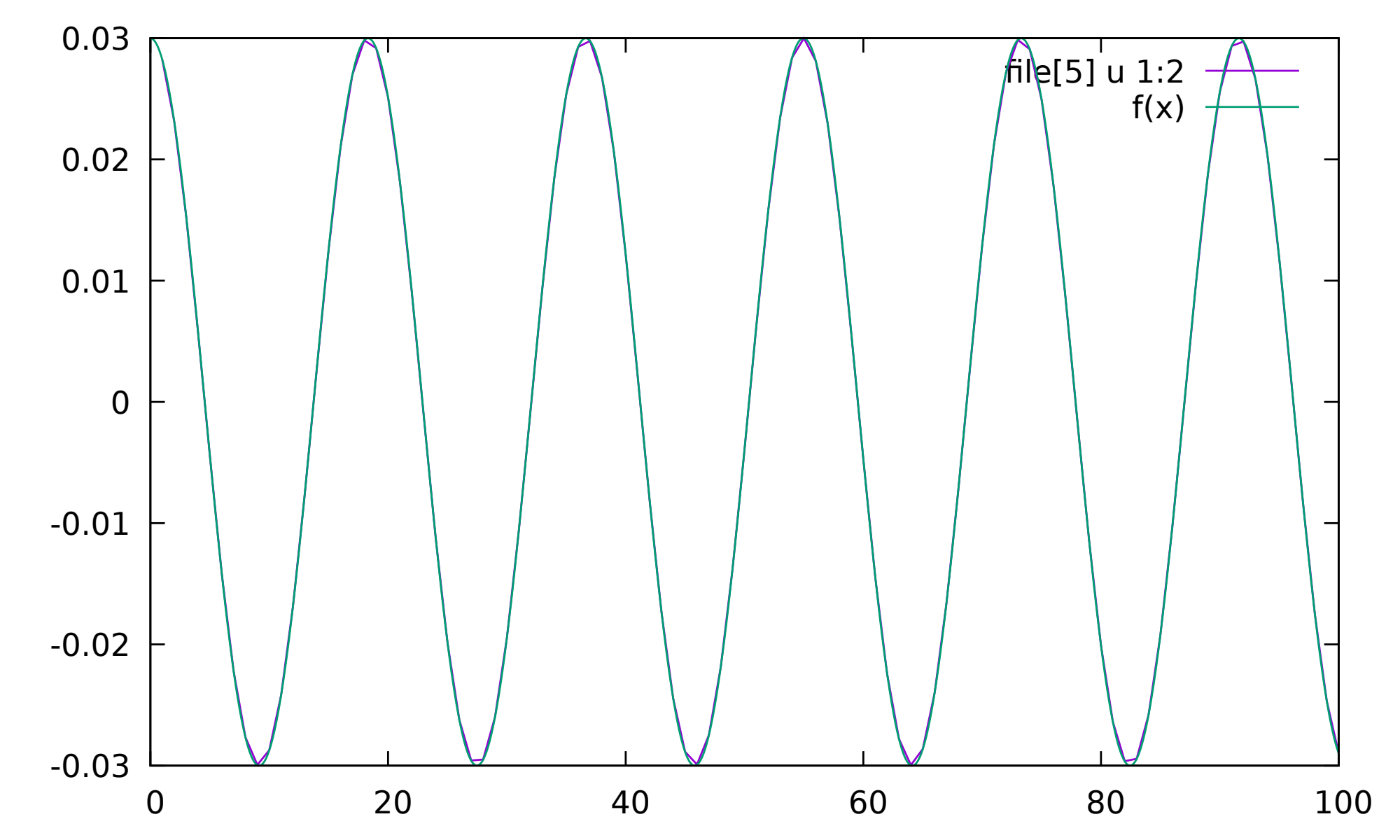

0.015
0.01
0.005
0
-0.005
-0.01
9900
9920
9940
9960
9980
10000
file[2] u 1:2
f(x)

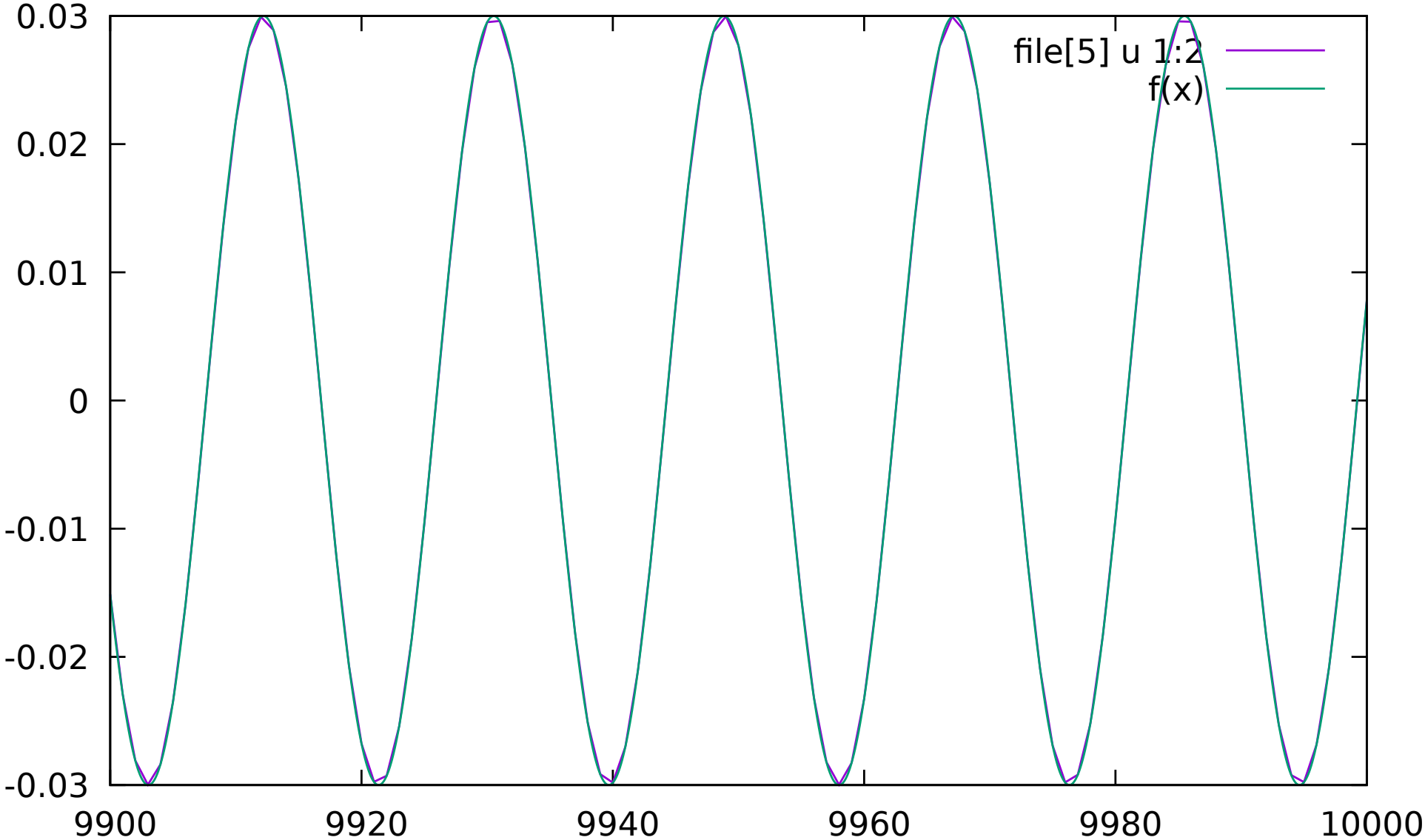

file[3] u 1:2
f(x)
0.02
0.015
0.01
0.005
0
-0.005
-0.01
-0.015
-0.02
0
20
40
60
80
100

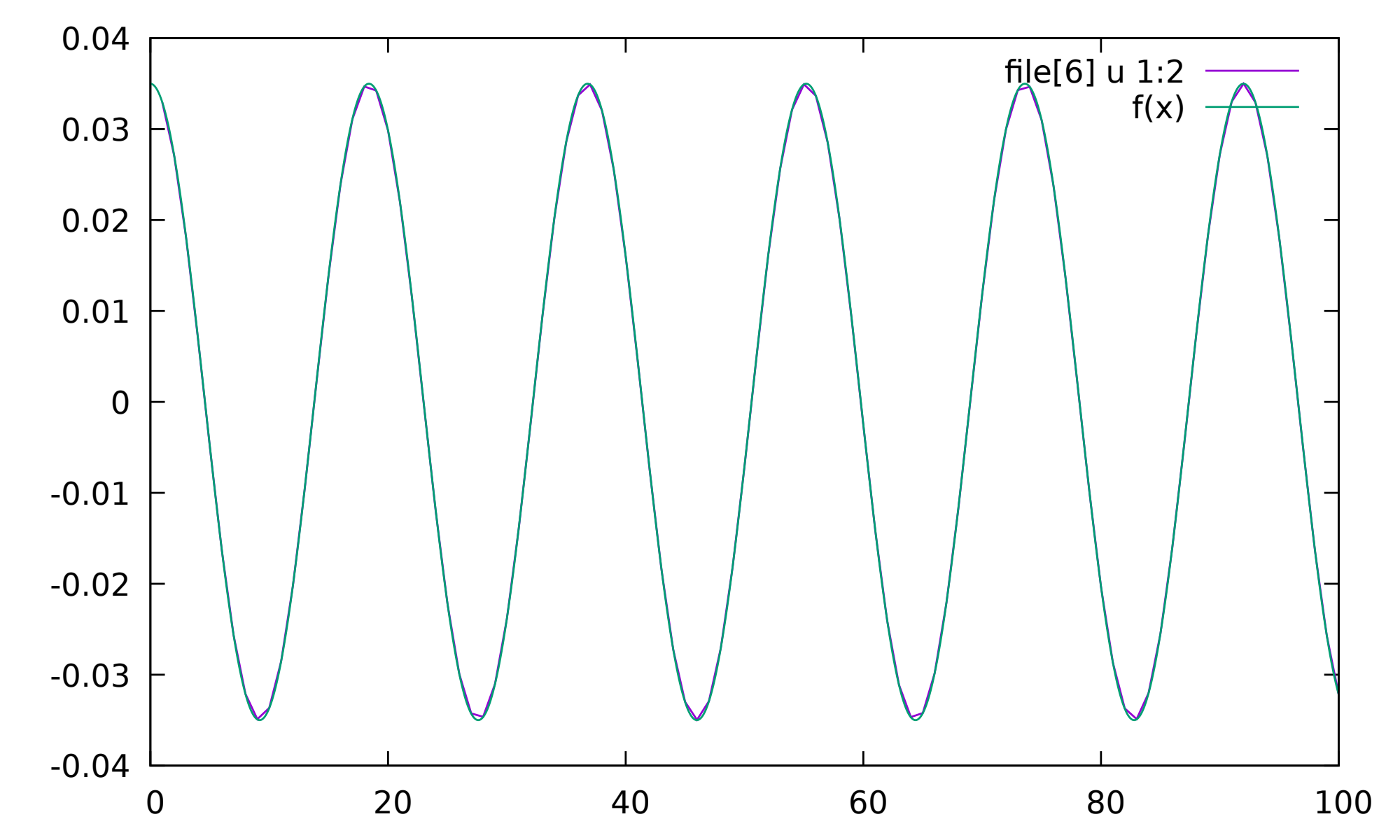

0.02
0.015
0.01
0.005
0
-0.005
-0.01
-0.015
-0.02
9900
9920
9940
9960
9980
10000
file[3] u 1:2
f(x)

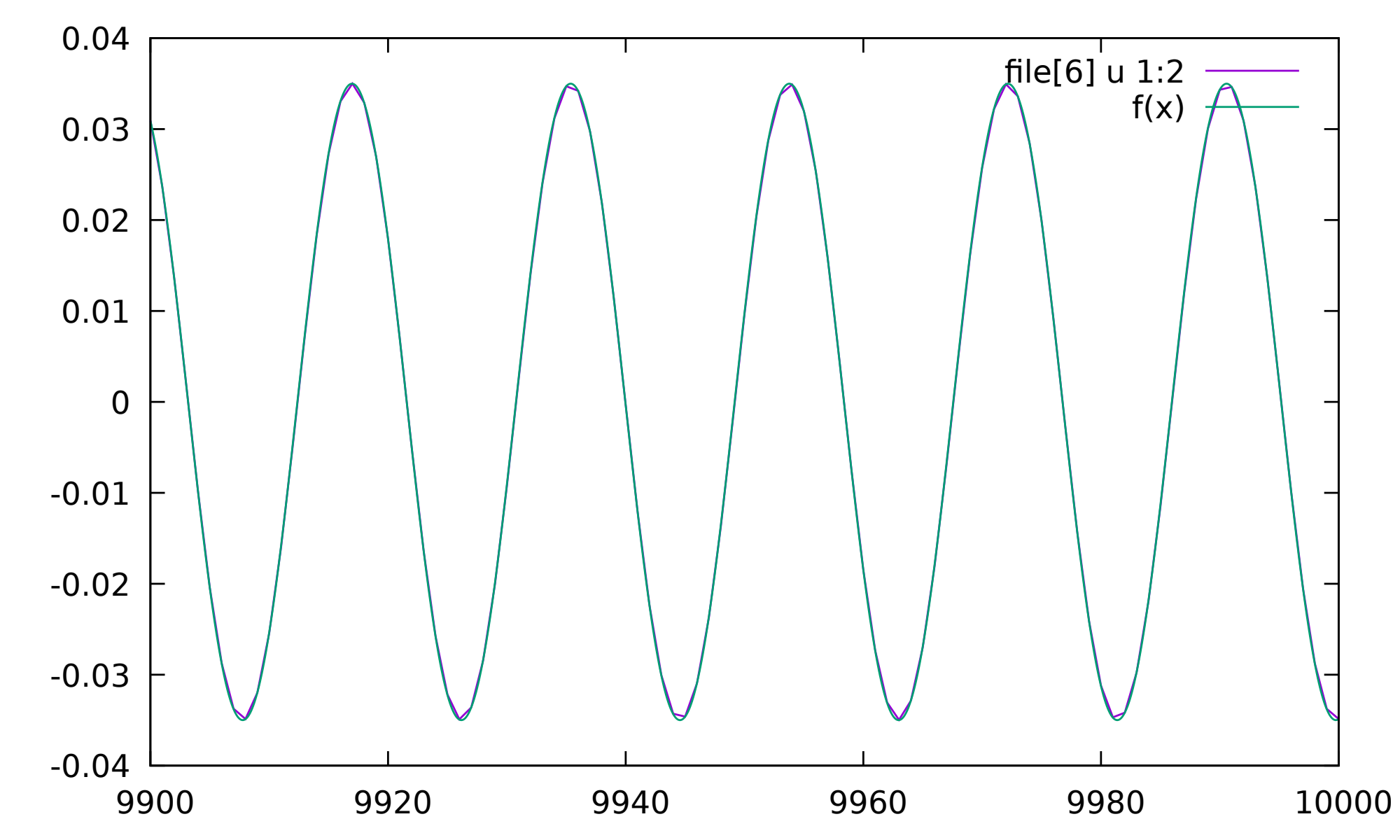

file[4] u 1:2
f(x)
0.025
0.02
0.015
0.01
0.005
0
-0.005
-0.01
-0.015
-0.02
-0.025
0
20
40
60
80
100

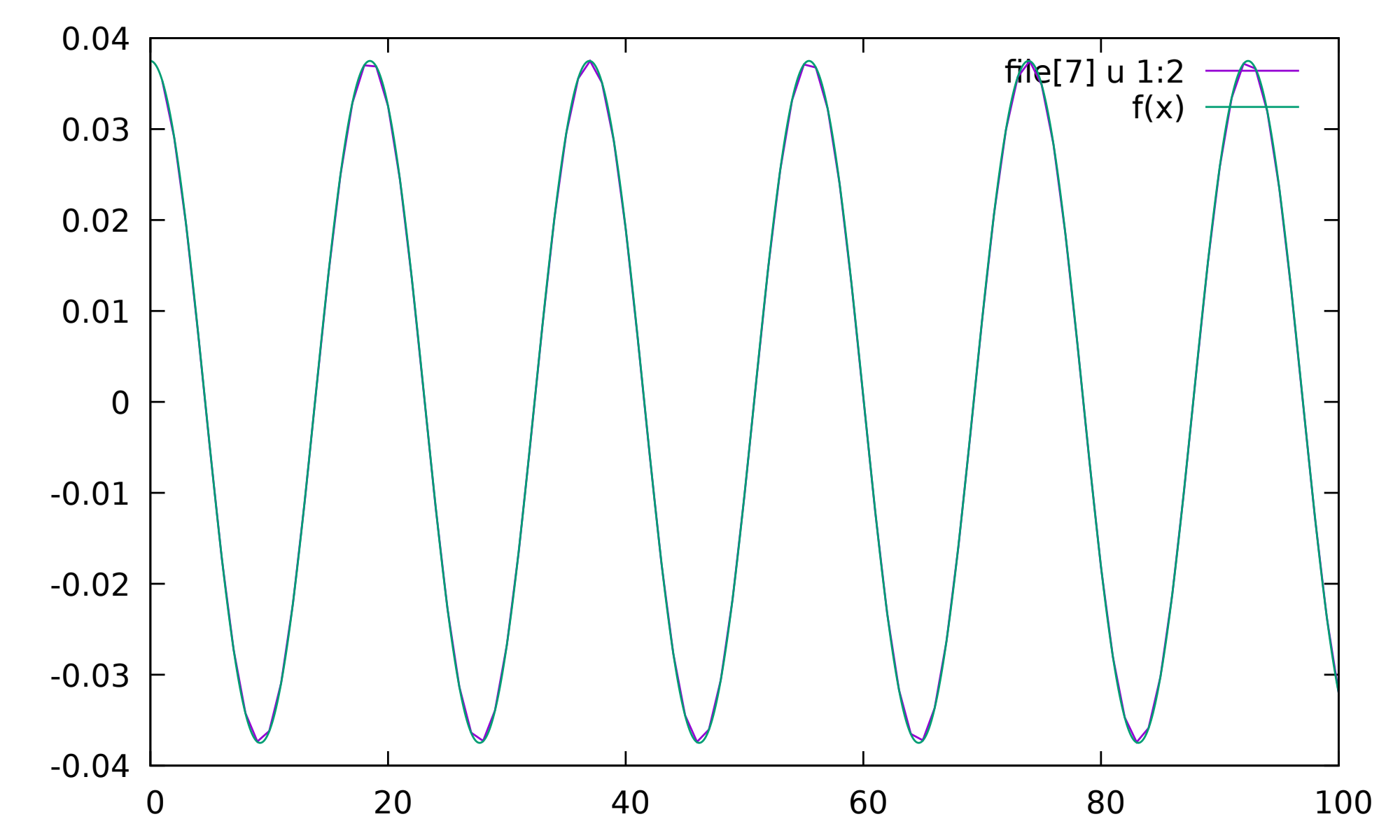

file[4] u 1:2
f(x)
0.03
0.025
0.02
0.015
0.01
0.005
0
-0.005
-0.01
-0.015
-0.02
-0.025
9900
9920
9940
9960
9980
10000

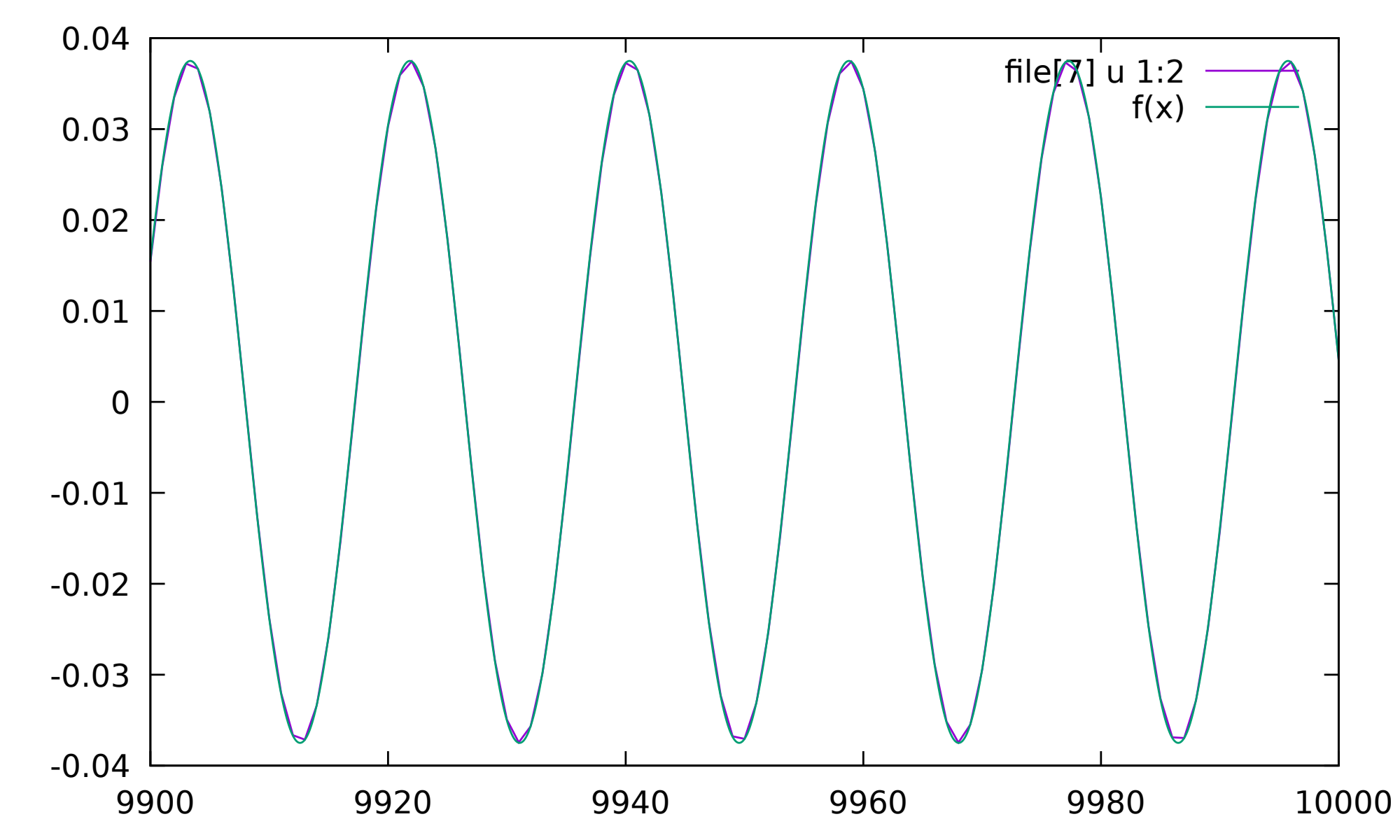

0.03
0.02
0.01
0
-0.01
-0.02
-0.03
0
20
40
60
80
100
file[5] u 1:2
f(x)

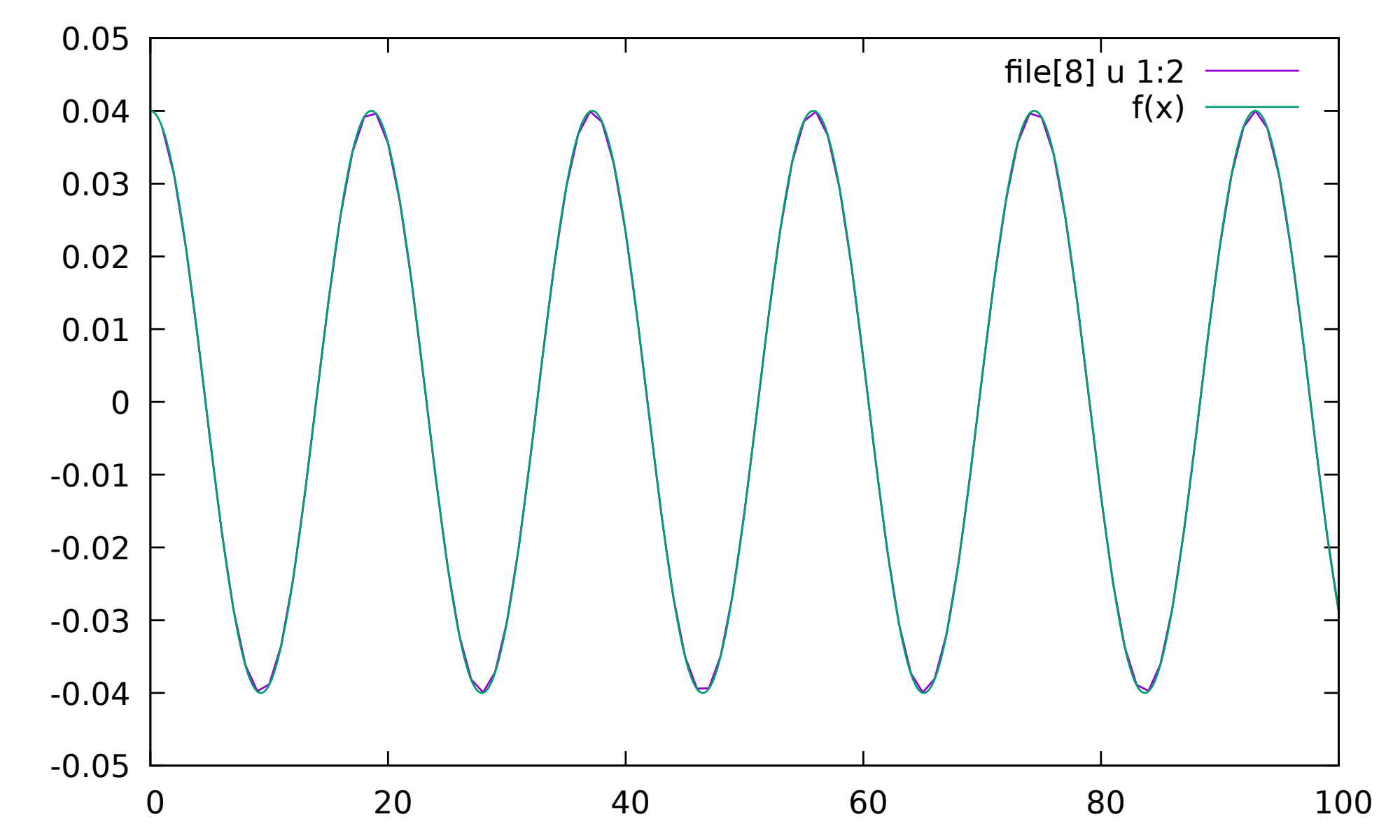

0.03
0.02
0.01
0
-0.01
-0.02
-0.03
9900
9920
9940
9960
9980
10000
file[5] u 1:2
f(x)

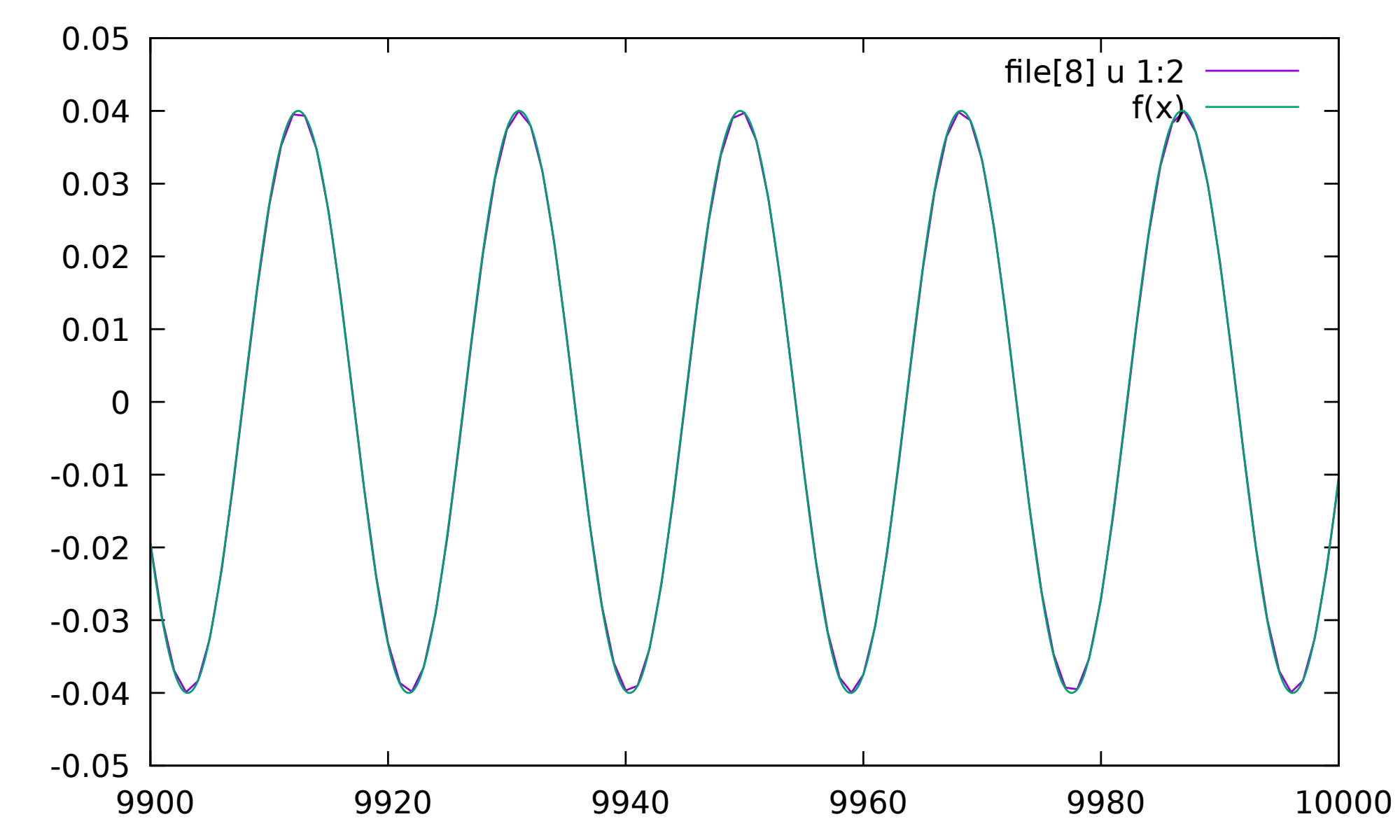

file[6] u 1:2
f(x)
0.04
0.03
0.02
0.01
0
-0.01
-0.02
-0.03
-0.04
0
20
40
60
80
100

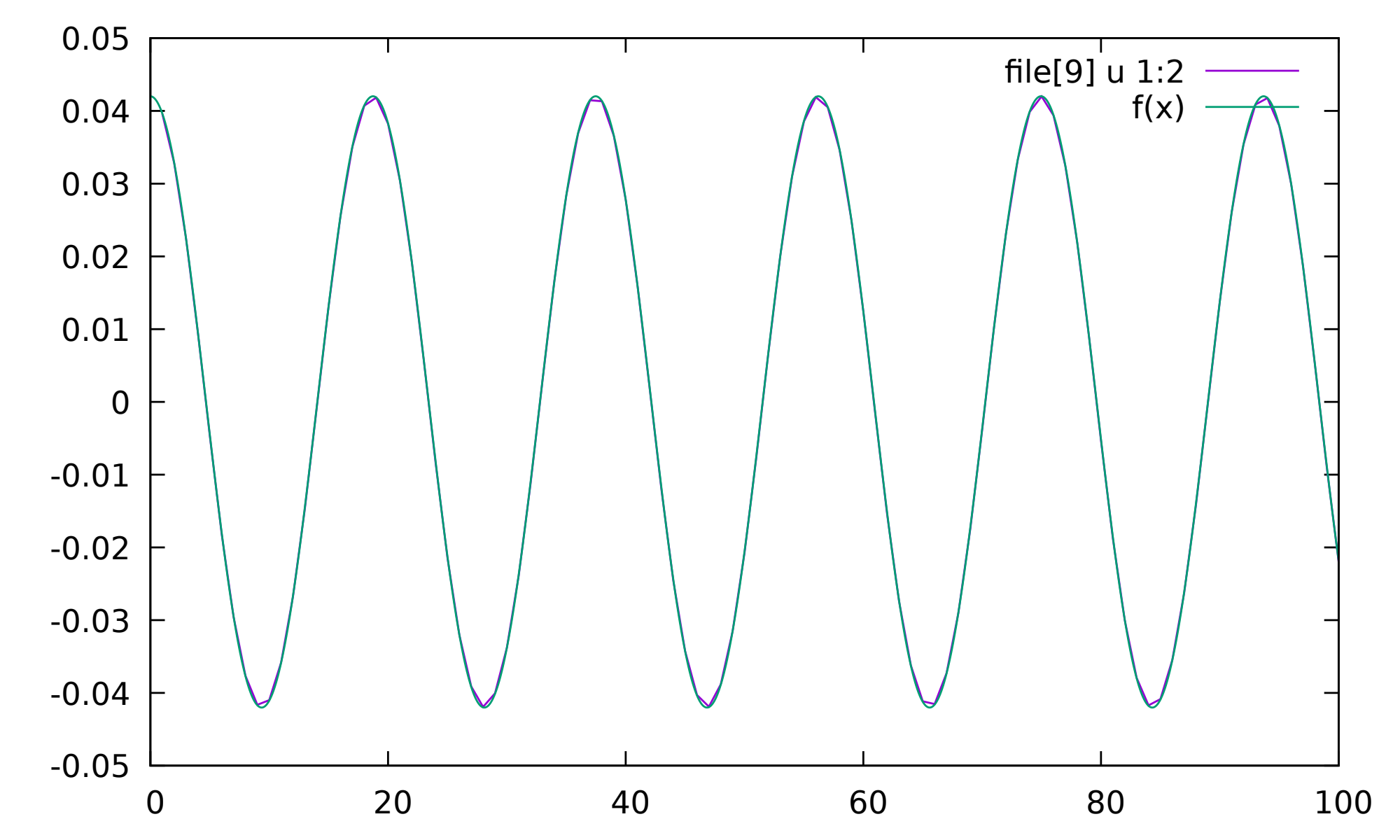

file[6] u 1:2
f(x)
0.04
0.03
0.02
0.01
0
-0.01
-0.02
-0.03
-0.04
9900
9920
9940
9960
9980
10000

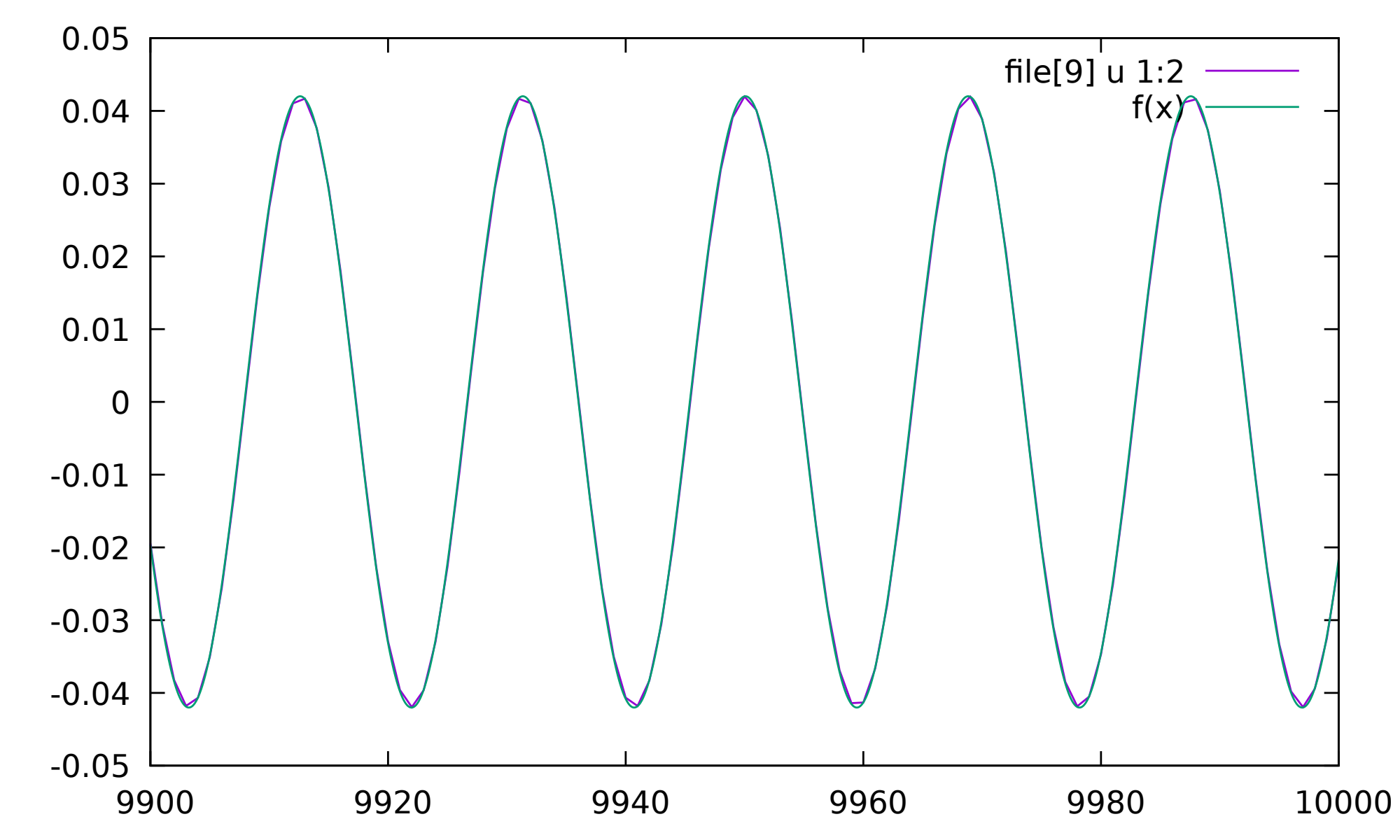

file[7] u 1:2
f(x)
0.04
0.03
0.02
0.01
0
-0.01
-0.02
-0.03
-0.04
0
20
40
60
80
100

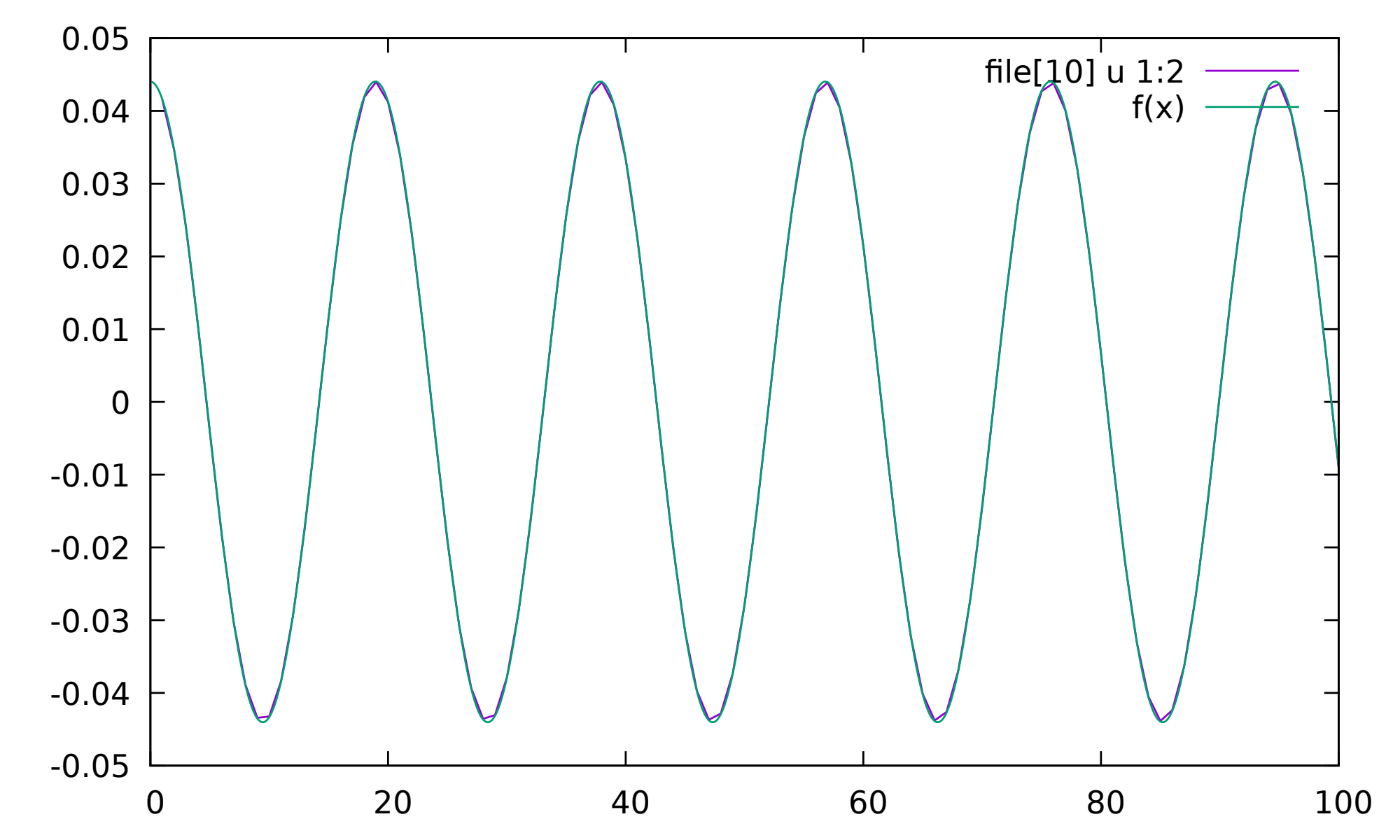

0.04
0.03
0.02
0.01
0
-0.01
-0.02
-0.03
-0.04
9900
9920
9940
9960
9980
10000
file[7] u 1:2
f(x)

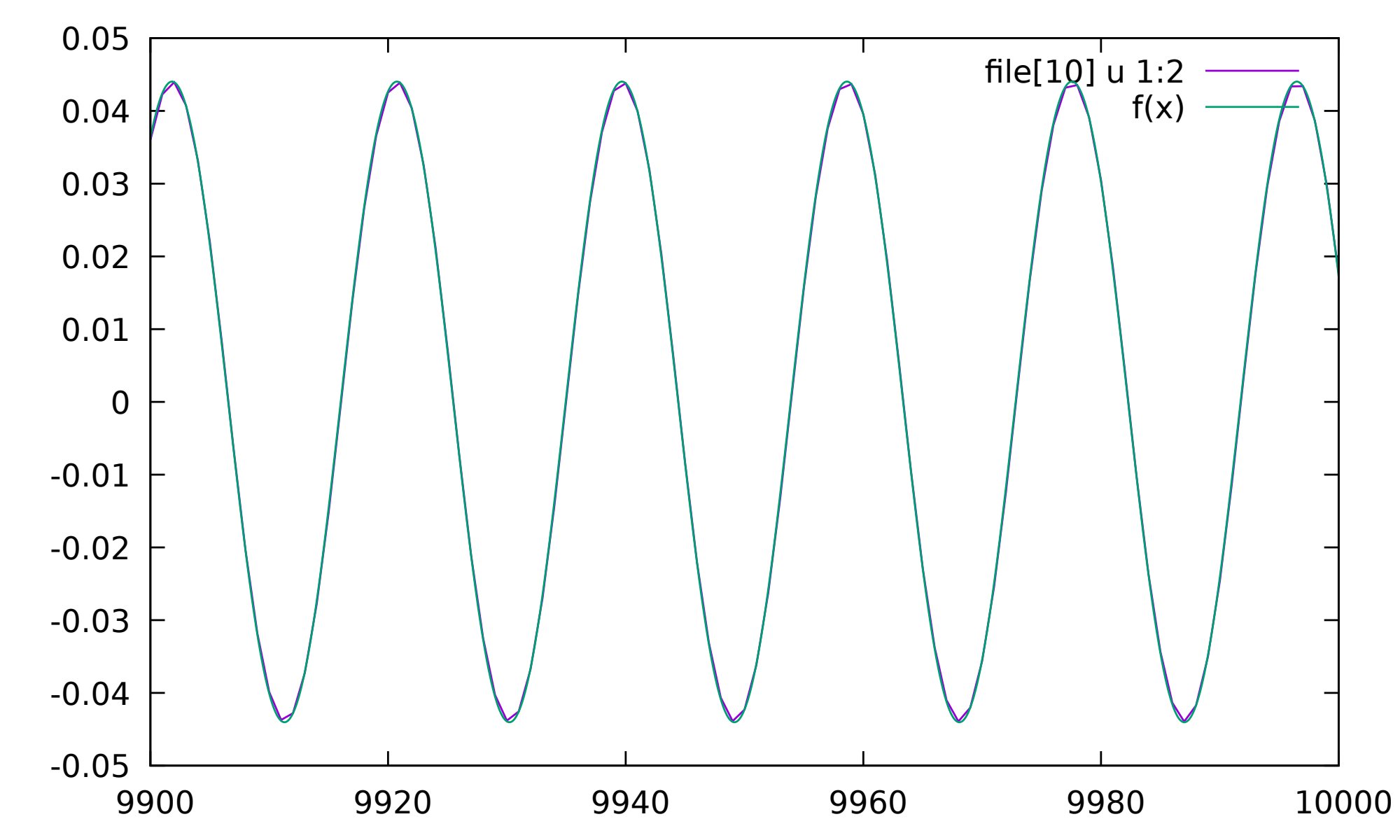

file[8] u 1:2
f(x)
0.05
0.04
0.03
0.02
0.01
0
-0.01
-0.02
-0.03
-0.04
-0.05
0
20
40
60
80
100

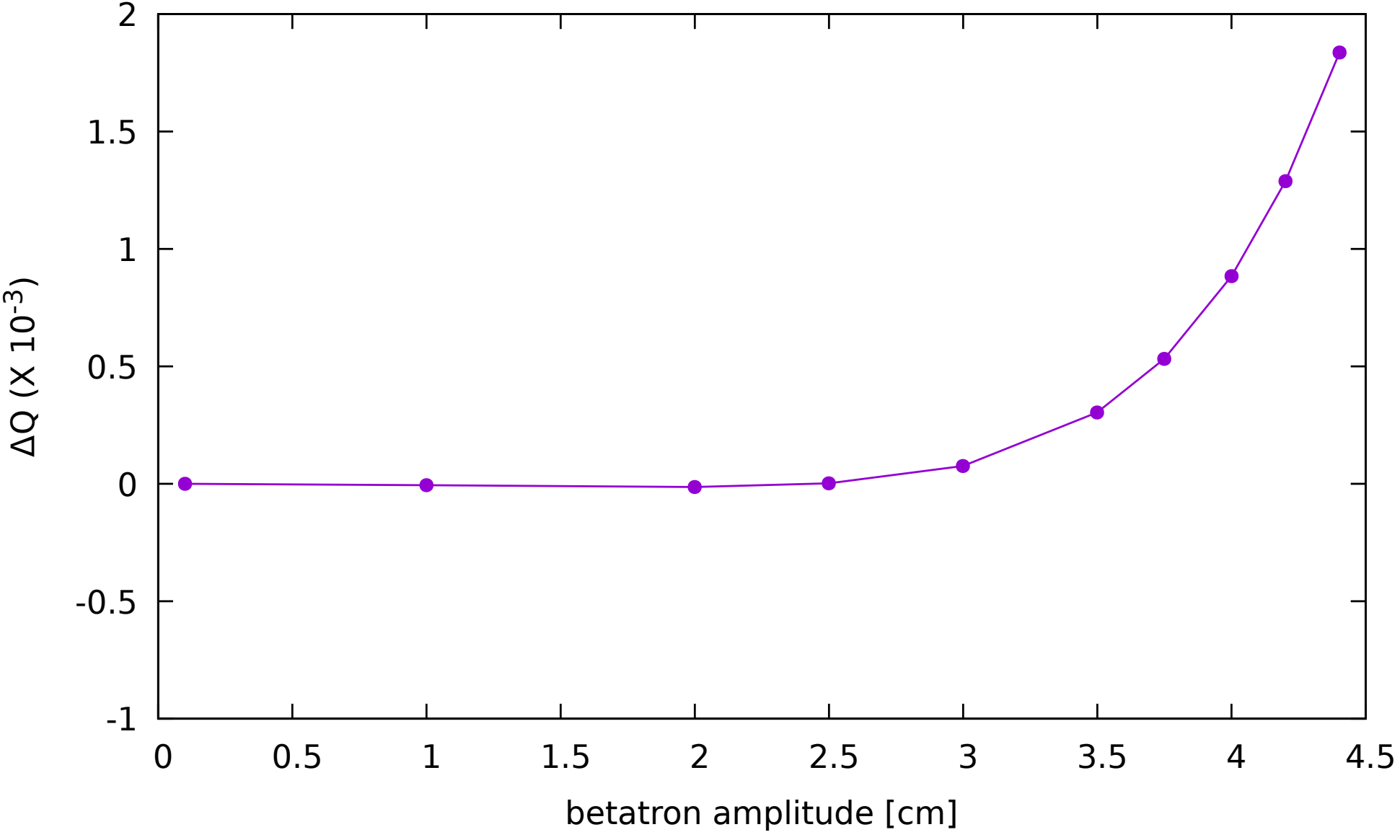

file[8] u 1:2
f(x)
0.05
0.04
0.03
0.02
0.01
0
-0.01
-0.02
-0.03
-0.04
-0.05
9900
9920
9940
9960
9980
10000


file[9] u 1:2
f(x)
0.05
0.04
0.03
0.02
0.01
0
-0.01
-0.02
-0.03
-0.04
-0.05
0
20
40
60
80
100


file[9] u 1:2
f(x)
0.05
0.04
0.03
0.02
0.01
0
-0.01
-0.02
-0.03
-0.04
-0.05
9900
9920
9940
9960
9980
10000


file[10] u 1:2
f(x)
0.05
0.04
0.03
0.02
0.01
0
-0.01
-0.02
-0.03
-0.04
-0.05
0
20
40
60
80
100


file[10] u 1:2
f(x)
0.05
0.04
0.03
0.02
0.01
0
-0.01
-0.02
-0.03
-0.04
-0.05
9900
9920
9940
9960
9980
10000


2
1.5
1
0.5
0
-0.5
-1
ΔQ (X 10-3)
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
betatron amplitude [cm]