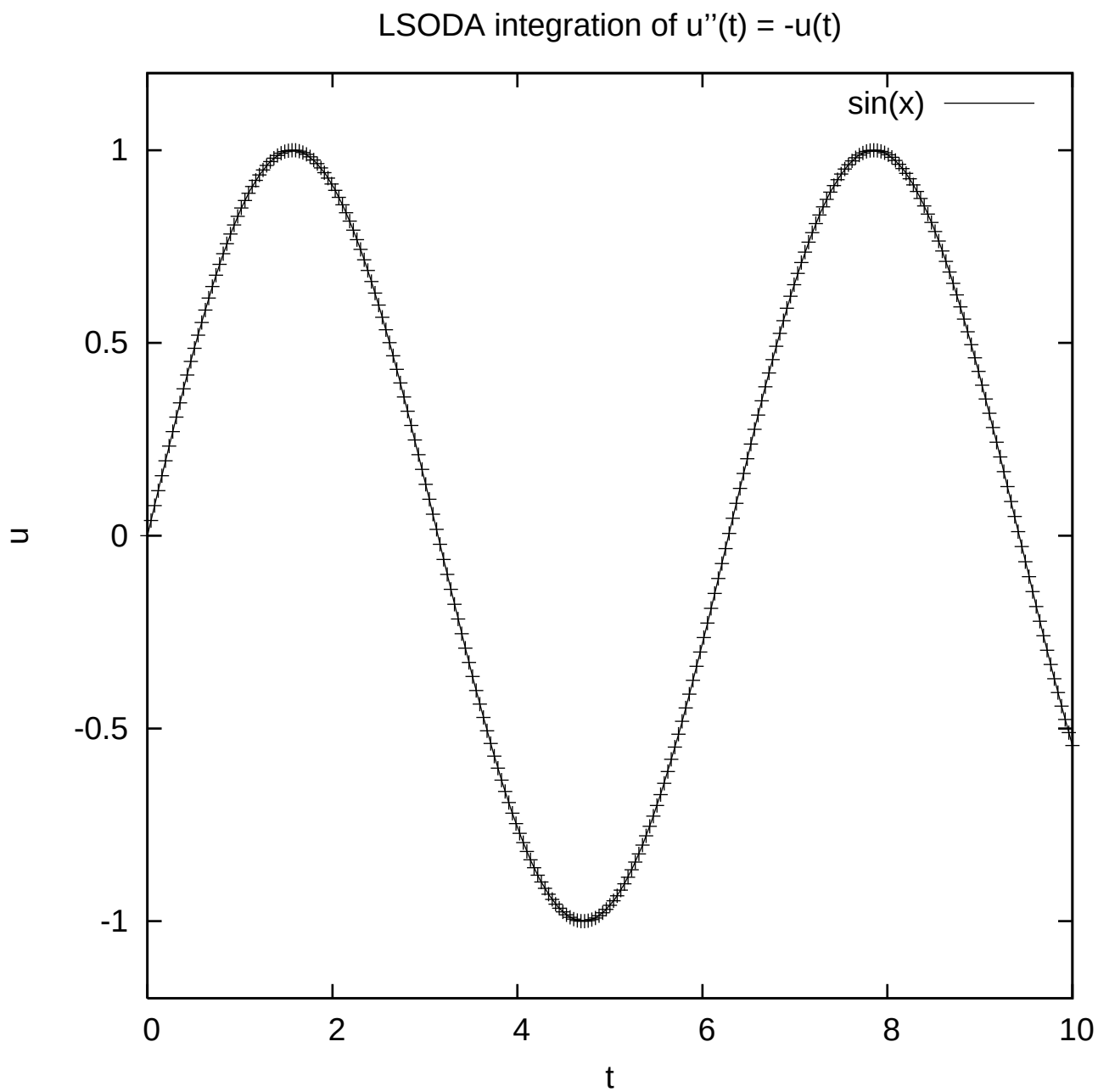
LSODA integration of u''(t) = -u(t)
sin(x)
1
0.5
0
-0.5
-1
u
0
2
4
6
8
10
t