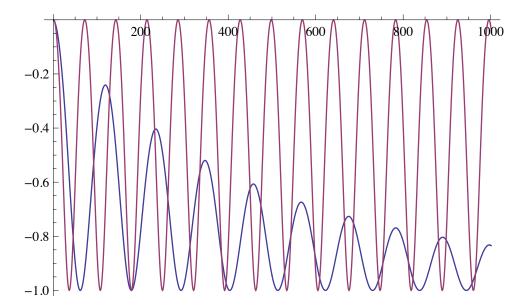
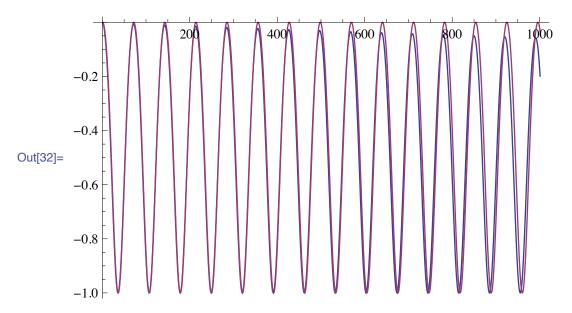


## (\* Central difference (x2-x0)/(2.0\*dt) \*)



(\* Second order difference (x2\*k2 + x1\*k1 + x0\*k0)/dt k2=3/2, k1=-2,

k0=1/2 \*)



(\* Lentine energy preservation \*)

