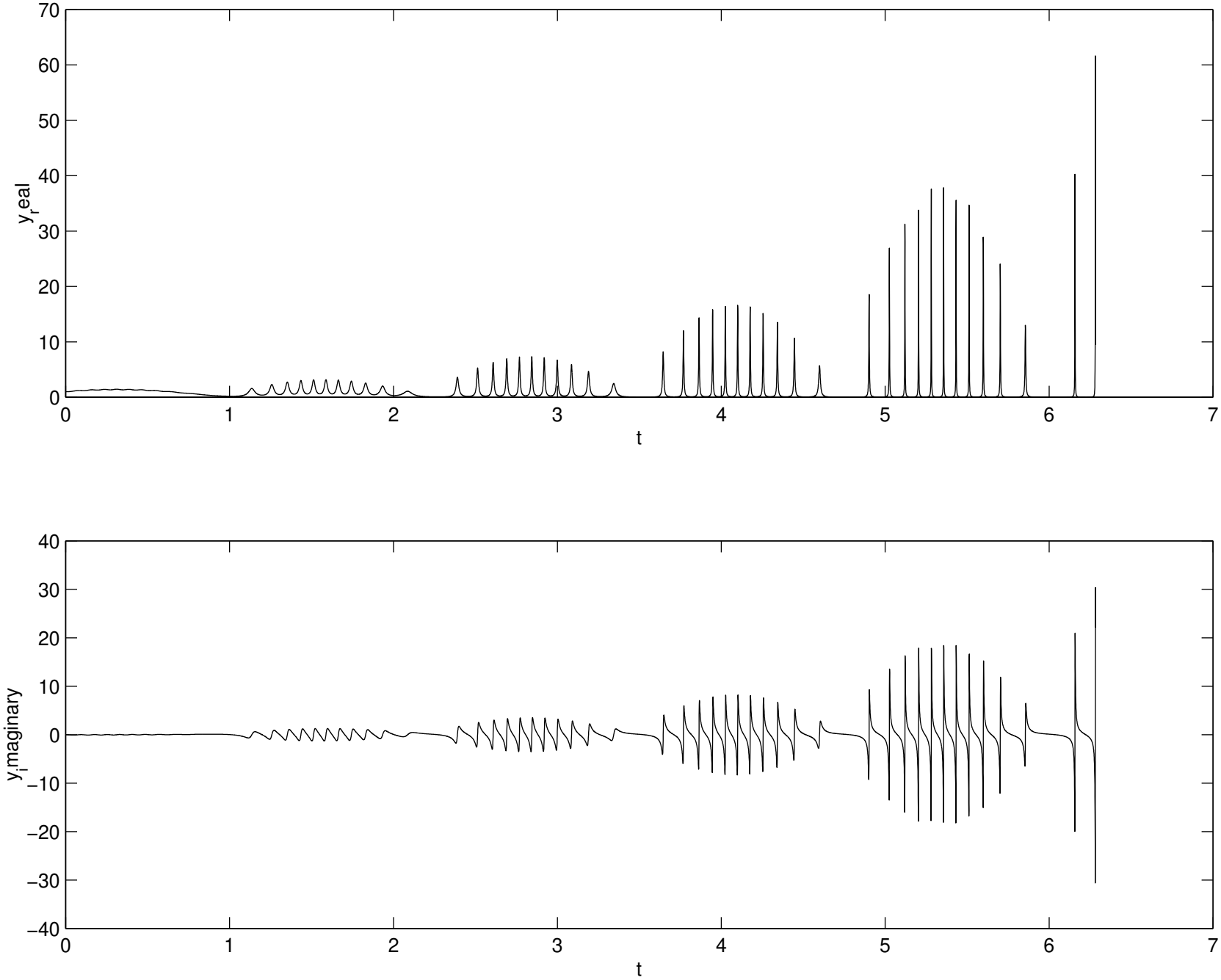semi−implicit, with (rk, rmu, nt) = (30.0d0, 0.94d0, 10000)