

Homework 9

math251, Section 3

due Oct. 29, 2008

1. **(6P)** p.344 Nr. 4,7,6,12 hint: first simplify $\delta(t - 2\pi) \cos t$
2. **(4P)** p.360 Nr. 1,5,7a,4
3. **(4P)** p.373 Nr. 22,23,25 hint: You don't have to solve any of the systems
4. **(6P)** p.398 Nr. 2,3,4,5 where you don't have to plot the direction field