

Due: Monday, Oct. 24, start of class

- Do page 192, Exercise 2.
 - Do page 192, Exercise 4.
- Do page 192, Exercise 10 (after doing Exercise 7, which you should *not* turn in).
- Do page 194, Exercise 16.
- Do page 207, Exercise 4.
- Do page 208, Exercise 10. Get the approximate solution by Euler's method on the t -interval $[0, 20]$ and start with $\Delta t = 0.25$. Be sure you're using Euler's method and not some more sophisticated one!
[For this problem, you'll need to use Jode or another program, *not* the DETools (because the Euler's Method for Systems tool does not allow an arbitrary system).]
- Do page 208, Exercise 12.
- Do page 208, Exercise 14.