

HOMEWORK 12
DIFFERENTIAL EQUATIONS
DUE 2013-10-08

Show your work!

- (1) (a) Solve #3.3.29.
 - (b) Use #3.3.29 to write $\cos(\pi/3 + i\pi/6)$ in the form $a + ib$.
- **Six** book problems: #3.3.5, 14, 20, 22, 24, 25. Note that you are expected to use a calculator to solve #3.3.24. (You shouldn't need one for #3.3.25.)