Written exam for the M. Sc. in Economics 2009-I

**Advanced Macroeconomics 2**

Master's Course

January 8, 2009

(4-hours closed book exam)

## Additional information to Problem 2, question b)

To the hint should be added:

A differential equation $\dot{x}(t) + ax(t) = b$, where $a$ and $b$ are constants and $a \neq 0$, has the solution

$$x(t) = [x(0) - b/a]\, e^{-at} + b/a.$$

—