

Macroeconomics II Homework 3

Graduate School of Economics, The University of Tokyo

29-246029 Rin NITTA

29-246033 Rei HANARI

29-246004 Kosuke IGARASHI

December 11, 2024

Q1

(a)

The recursive formulation of a standard neoclassical growth model studied in class in Lecture 3 is

$$v(k) = \max_{0 \leq k' \leq f(k)} \{U(f(k) - k') + \beta v(k')\}.$$

Q2

Q3

Q4