Asset Bubbles, Financial Market Frictions, and Endogenous Cycles

Ken-ichi Hashimoto*     Ryonghun Im†     Takuma Kunieda‡     Akihisa Shibata§

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Abstract

We present a simple model of endogenous cycle with asset bubbles. The presence of asset bubbles corrects allocative ineciency regarding production resources, relocating investment resources from low-productivity agents to high-productivity agents. Accordingly, the presence of asset bubbles can promote capital accumulation. When the elasticity of marginal product increases in the level of capital accumulation, capital income can be described as inverted-U shape on the level of capital. Then, we show that the economic fluctuation occurs in the range of higher capital accumulation. Therefore, the occurrence of asset bubbles and the development of the financial markets, through the relaxation of credit constraints, brings the possibility of causing an unstable behavior of the economy from the stable behavior, and GDP and asset bubbles can fluctuate.

Key Words: asset bubbles, financial market frictions, endogenous cycle

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*Associate Professor at Kobe University. Address: Graduate School of Economics, Kobe University, Rokko-dai 2-1, Kobe 657-8501, Japan; E-mail: hashimoto@econ.kobe-u.ac.jp
†JSPS Research Fellow at Kyoto University. Address: Institute of Economic Research, Kyoto University, Yoshida-honmachi, Sakyo-ku, Kyoto 606-8501, Japan; E-mail: ryonghunim@gmail.com
‡Associate Professor at Kwansei Gakuin University. Address: School of Economics, Kwansei Gakuin University, 1-155 Uegahara Ochiban-cho, Nishinomiya 662-8501, Hyogo, Japan; E-mail: tkunieda@kwansei.ac.jp
§Professor at Kyoto University. Address: Institute of Economic Research, Kyoto University, Yoshida-honmachi, Sakyo-ku, Kyoto 606-8501, Japan; E-mail: shibata@kier.ac.jp