The architecture and principles of operation of multi-agent model of a competitive transparent economics

Red'ko V.G.

Scientific Research Institute for System Analysis, Russian Academy of Science, Russia vgredko@gmail.com

Abstract. A multi-agent model of a competitive transparent economics is proposed. The model assumes that there is a community of manufacturers and investors. Manufacturers inform the community about their capitals and current incomes. Investors use light agents of two types: 1) investigating agents and 2) intention agents. Using these agents, the investors decide how much capital to invest into different manufactures.