

## **MATHEMATICAL MODELLING OF ECONOMIC DYNAMICS WITHIN KEYNES'S EQUILIBRIUM ECONOMY**

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In this paper, based on a Prangishvili-Obgadze's model, in equilibrium economics of Keynes, there is constructed a new mathematical model, taking into account the lag in consumer demand, which arises from the lack of resources in the past. For the investigation an aggregate value of national income is used. As an investment functions the formula Goodwin with the principle of acceleration of the Samuelson-Hicks is taken.

From the developed model, as the special cases, the mathematical models of Mathieu Dyufinga and Samuelson-Hicks are used.