Using Matrix Models on Machine-Building Enterprises during Crisis

© T.I. Kuznetsova, O.N. Belousova

Bauman Moscow State Technical University, Moscow, 105005, Russia

Research the problem of the use of matrix balances at the level of macro-and microeconomics, is considered the economic and mathematical input-output model, stresses the importance of balance between production and consumption of integrated business groups by making models production balance to use in matrix model at an engineering company in crisis to improve the balance of mechanical engineering related industries.

Keywords: matrix balance, economic and mathematical model, production, consumption.

Kuznetsova T.I. (b. 1957) graduated from Moscow Finance Institute in1979. Ph. D., Assoc. Professor of the Economic Theory Department of Bauman Moscow State Technical University. Author of over 100 scientific and educational works in the research problems of theoretical economics, finance and credit. e-mail: t.kuznetsova@hotmail.com

Belousova O.N. (b. 1992) a student of the Automatic Control Systems Department of Bauman Moscow State Technical University. e-mail:olga-belousova92@mail.ru