The use of centre-coefficients in io-modeling

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The purpose of this paper is to describing and implementing a time-discrete quantity model with a uniform growth rate. This particular model is able to reflect a real economy with fixed capital of finite life and recognizes that production takes time. The most significant instrument of this model is the concept of center coefficient that was derived by Schefold (1989). Given the life time of fixed capital items as well as gestation and production lags of processes the depreciation rate of fixed capital used in production can be determined endogenously. The benignity of the well defined empirical quantity model will be shown by using Austrian input-output tables. One of our results by prevailing growth rates changes is that estimated fixed capital reacts more sensitive in the long run than intermediate product.