



# STUDIA Universitatis Babes-Bolyai OECONOMICA

2006

No. 51

Issue 1

## METHODES DE DECOMPOSITION TENDANCE-CYCLE: QUELQUES ENSEIGNEMENTS THEORIQUES ET EMPIRIQUES

Alexandru MINEA\*

University of Orleans, France

### ABSTRACT

We propose in this paper a survey of the business cycle concept, since its very beginning to nowadays. One of the first methods in analyzing cycles are the barometers, the ancestors of the actually used NBER method to date and measure cycles. In order to deal with the absence of any theoretical background of this method, econometricians proposed detrending techniques, in which the trend may be either determinist (linear) or stochastic. As each one of these techniques has advantages, but also inconvenients, one may find difficult and even dangerous to compare and classify them, as we show in a short empirical application.

**JEL Classification:** B41, C32, E32

**Keywords:** detrending methods, potential output, output gap, non-stationary

\* Corresponding author. LEO, Faculté de Droit, d'Economie et de Gestion, Rue de Blois – B.P. 6739, 45067 Orléans Cedex 2, France. E-mail: alexandru.minea@univ-orleans.fr