

**14/2000 *A Generalisation of the Concept of Cointegration to Harmonizable and Class (KF) Processes***

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In this paper we consider the generalisation of the concept of cointegration to non-stationary processes. Two cases are of special interest. First the case of non-stationary processes which adjust to an equilibrium not necessarily according to a linear adjustment process. Second the case of non-stationary (possibly  $I(1)$ ) series which co-move according to a non linear or heteroscedastic adjustment process. The non-stationary processes considered here belong to the harmonizable class or to the Kampé de Fériet (KF) class. The class of harmonizable processes includes slowly changing processes and periodic stationary sequences. The KF class includes all strongly harmonizable processes and certain nonlinear processes.