Discussion Paper No. 552

DISTRIBUTED LAGS AND INTERMEDIATE GOOD IMPORTS

by

Tryphon E. Kollintzas and Steven L. Husted*

March, 1983

^{*} We would like to thank Craig S. Hakkio for helpful comments and the participants in seminars at Northwestern University and the University of Pittsburgh at which earlier drafts were presented.

DISTRIBUTED LAGS AND INTERMEDIATE GOOD IMPORTS

ABSTRACT

In this paper we draw upon some recent developments in the theory of dynamic economics and econometrics to characterize the time series behavior of intermediate good imports. It is shown that adjustment costs, delivery lags, and inventory holding costs considerations lead to distributed lag import demand functions that are not subject to the Nerlove [1972] and Lucas [1976] critiques of ad hoc and fixed distributed lag modelling.

Tryphon E. Kollintzas

Department of Economics

Northwestern University

Evanston, IL 60201

(312) 492-5334

Steven L. Husted

Department of Economics

University of Pittsburgh

Pittsburgh, PA 15260

(412) 624-5705