

**OPTIMIZING THE DISTRIBUTION OF TRADE BETWEEN PORTS AND  
TRADING CENTRES**

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**Introduction**

A problem facing many emerging countries is how to schedule goods to ports and trading centres so as to reduce congestion in their transportation networks.

In this paper we consider a stochastic goal programming model of the situation (confining our attention to a relatively simple transportation model in order to concentrate on its stochastic nature) and indicate how geometric programming techniques may be used to tackle the equivalent deterministic nonlinear goal program.