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Economic Input-Output Model of an Hotel

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Abstract

In this paper we present a business Input-Output model for a company that belongs to the tourism sector. The IO tables show the interdependences that exist in the company productive structure and give us the possibility to set out, under some hypothesis, economic models of business simulation. We will show the great potential of these models in the taking of microeconomic decisions. In our study, we break down demand according to nationalities and groups of clients, studying which part of that demand provides the largest profit to the company. Subsequently, we make some simulations, from which we study the effects produced in the gross operating surplus of the different departments of the company, which are derived from a final demand increase of the company services.