

Airport Simulation

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Abstract

The project is a simulation and analysis of an airport operation, which objective is to make a simulation that better represents the real logistics of a domestic airport. It simulated since the arrival and departure of passengers to the arrival and take-off of the aircrafts, controlling their flow and identifying points to improve. The study was based on the simulated data, close to reality.

Keywords

Airport, Simulation, Flexsim, Process and Engineering.

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Rodrigo Luiz Gigante is master in Production Engineering from the University of São Paulo (2010); Bachelor of Applied Mathematics and Scientific Computing from the University of São Paulo (2007). He is a professor at Facens University. His areas of expertise are Operational Research, Discrete Event Simulation, Scheduling, Queue Theory, Production Planning and Control and Logistics.