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1. Simulation options for the airport terminal People Mover AGV system with ExtendSim

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Abstract: The use of AGV vehicles is expanding to an ever-wider range of diverse areas. In addition to securing effective logistics processes in the industry, AGV systems have been deployed in quite non-traditional areas, for example in health or transportation of persons. Although AGV systems intended for passenger transport do not belong to AGV systems according to the definition of VGA standards, they can still be regarded as a regular member of this category of vehicles. In order to ensure their reliable operation, the same tools as for conventional AGV systems can be used. Such tools include a computer simulation method. The paper presents the model of People Mover AGV in order to analyse passenger transport between airport terminals. © 2018 The Authors, published by EDP Sciences. (11 refs)

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