

ABSTRACT

Magistry of the distance of the visions on 111 pages and in the world 43 drawings, 25 table and 6 graphic arches.

The project of travolator with adjustment of speed of movement of a cloth depending on loading is executed. The use of such a machine is advisable in public places with large passenger traffic, such as in buildings of airports, railway stations, sports facilities. The traction was calculated and the drive power was determined. The actuator is designed for the use of electric motor and gearbox, calculation of engine parameters, calculation of parameters of the power circuit of the actuator, choice of frequency conversion, calculation of the electromechanical part of the system. A model of the electromechanical system was developed and studies of the dynamic modes of operation of the conveyor were performed.

PASSENGER TRANSPORT, TRAVOLATOR, ESCALATOR, TRASS, HANDICAPE, INLET SPACE, INDUCTION MOTOR, MATHEMATICAL MODEL, FREQUENCY CONVERTER, VECTOR CONTROL SYSTEM.

					141.5104.001МД			
Змн.	Лист	№ докум.	Підпис	Дата	Дослідження режимів роботи траволатора при регулюванні швидкості руху	Літ.	Арк.	Аркушів
Розроб.	Волоха С.О					7	111	
Перевір.	Печеник М. В.							
Реценз.								
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