

Books and Papers Related to Automated Guideway Transit

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Books

Personal Rapid Transit, Co-Ed., Audio Visual Library Services, University of Minnesota, 1972.

Personal Rapid Transit II, Editor, Audio Visual Library Services, University of Minnesota, 1974.

Transit Systems Theory, Lexington, Massachusetts. D. C. Heath and Company, 1978.

Available at www.advancedtransit.org

Forward by G. J. Pastor, Associate Administrator for Technology Development and Deployment, UMTA

Chapter 1 Introduction

Chapter 2 Basic Performance Relationships

Chapter 3 Transitions from Straight to Curved Guideways

Chapter 4 Performance relationships for Specific Systems

Chapter 5 Cost Effectiveness

Chapter 6 Patronage Analysis

Chapter 7 Requirements for Safe Operation

Chapter 8 Life Cycle Cost and the Theory of Reliability Allocation

Chapter 9 Redundancy, Failure Modes and Effects, and Reliability Allocation

Chapter 10 Guideway Structures

Chapter 11 Design for Maximum Cost Effectiveness

Papers

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"Comparisons Between Fixed-Guideway Transit Concepts for Medium-Density Metropolitan Areas," (with J. A. Kieffer), Urban Technology Conference, New York City, May 24-26, 1971, AIAA Paper No. 711-518.

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¹ The use of this quantity is developed in the paper “Optimization of Transit System Characteristics,” op. cit.

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