Additional Publications of

H.D. Mills

(Published and Unpublished)

1952-1984

Title	Keyword	Discipline	Date	Published
A Case Study in Cleanroom Software Engineering: The IBM Cobol Structuring Facility	Computer Software and Applications Conference	Software Engineering	10/5/1998	Computer Software and Applications Conference, Proceedings, 12th International
A Mathematical Theory of Retail Space Management	Working Paper	Computer Sciences; Mathematics	5/1/1959	Mathematica
A Study in Promotional Competition		Computer Sciences; Mathematics	12/1/1959	Mathematica and Princeton University December 1959
Box-Structured Methods for Systems-Development with Objects		Software Engineering	1/1/1993	IBM Systems Journal
Box-Structured Requirement Determination Methods	Box Structures, System Modeling, System Development, Specification	Software Engineering	3/1/1995	Decision Support Systems
Bringing Software Under Statistical Quality Control		Software Engineering	11/1/1988	Quality Progress
Constant Rank Matrices	Thesis, rank matrices, Iowa State, rank matrix, matrices	Mathematics	1/1/1950	A Thesis Submitted to the Graduate Faculty in Partial Fulfillment of The Requirements for the Degree

Dr. Harlan Mills: Perspectives of a Software Engineering Pioneer	Harlan mills, software engineer, computer science, interview	Computer Sciences; Software Engineering	1/1/1994	Unpublished
Econometric Analysis of the United States Manganese Problem		Computer Sciences; Mathematics	3/15/1960	Mathematica
Engineering Software Under Statistical Quality-Control		Software Engineering	11/1/1990	IEEE Software
Equivalent Functions of Strategies in the Theory of Games	PhD Dissertation Iowa State College: Mathematics	Mathematics	1/1/1952	PhD Dissertation 1952 Iowa State College: Mathematics
Factors Governing the Speed of Application of Science		Physical Sciences and Mathematics	1/1/1958	Book Review in: Science
Introduction to Software Engineering, An		Computer Sciences	9/21/1992	Florida Institute of Technology
Mathematical Principles for a 1st Course in Software Engineering		Software Engineering	5/1/1989	IEEE Transactions on Software Engineering
Mathematics for Modern Management		Mathematics	2/1/1965	American Mathematical Monthly
On Information-Content in Patterns		Computer Sciences	1/1/1980	Computer Graphics and Image Processing

Planning and Certifying Software System Reliability		**Software Engineering**	**1/1/1993**	**IEEE Software**
Principles of Computer Programming: A Mathematical Approach		**Mathematics; Software Engineering**	**1/1/1988**	**Wm C. Brown, 1988 [Allyn & Bacon, 1987]**
Principles of Information Systems Analysis and Design		**Software Engineering**	**1/1/1986**	**Academic Press**
Reliability: Management, Methods and Mathematics		**Applied Mathematics**	**3/1/1963**	**Book Review in: The American Mathematical Monthly**
Smoothing in Discrete Servo-Stochastic Processes		**Computer Sciences; Mathematics**	**11/1/1959**	**Mathematica**
Software Productivity		**Software Engineering**	**1/1/1988**	**Dorset**
Stepwise Refinement and Verification in Box-Structured Systems		**Software Engineering**	**6/1/1988**	**Computer**
Structured Programming - Retrospect and Prospect		**Software Engineering**	**11/1/1986**	**IEEE Software**
The Crisis Continues Among Computer-Science Faculty	**Letter to the Editor in Abacus-New York**	**Computer Sciences**	**1/1/1987**	**Springer-Verlag New York, Inc.**
Theory of Modules		**Software Engineering**	**7/1/1987**	**IEEE Transactions**

				on Software Engineering
Undergraduate Curriculum in Software Engineering		Software Engineering	4/2/1990	Lecture Notes in Computer Science
Using Metrics to Quantify Development		Software Engineering	1/1/1990	IEEE Software
Zero-Defect Software - Cleanroom Engineering	Reliability, Design	Software Engineering	1/1/1993	Advances in Computers