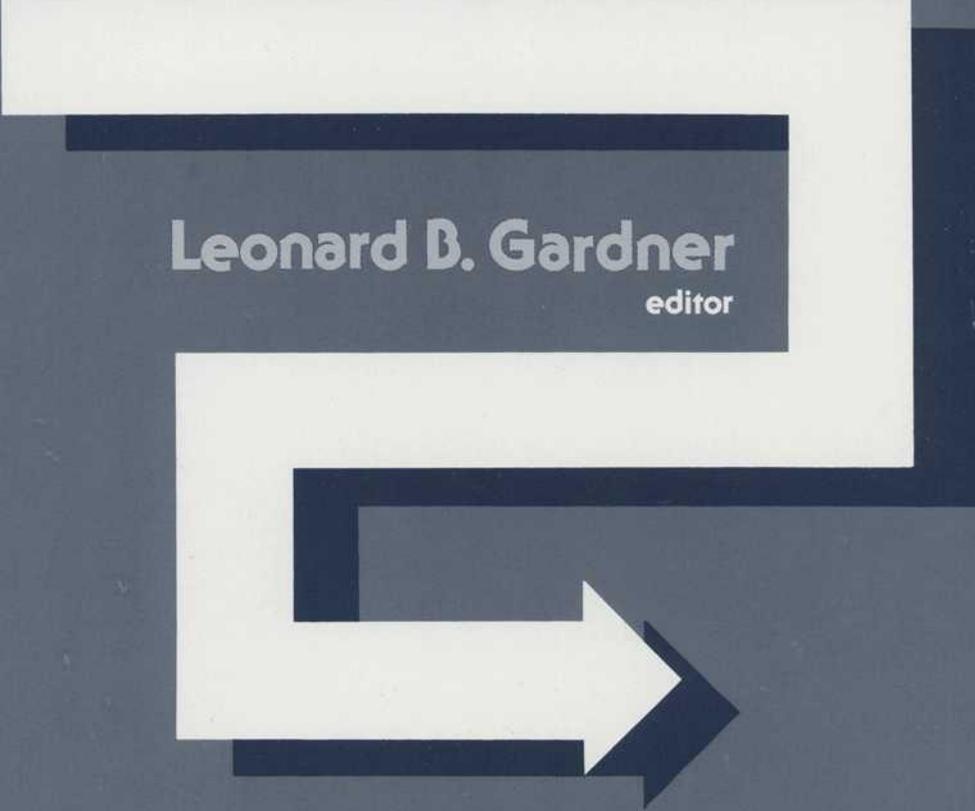


Automated Manufacturing



Leonard B. Gardner
editor

 STP 862

AUTOMATED MANUFACTURING

A symposium
sponsored by ASTM
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Computerized Systems
San Diego, Calif., 5-6 April 1983

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Resolution

BY THE HONORABLE LARRY STIRLING
SEVENTY-SEVENTH ASSEMBLY DISTRICT; RELATIVE TO

THE FIRST INTERNATIONAL SYMPOSIUM ON AUTOMATED MANUFACTURING

WHEREAS, INDUSTRY IS FACED WITH INCREASING OBSOLESCENCE, DECLINE OF PRODUCTIVITY, AND DECREASED MARKET PERCENTAGE, AND THE NEED TO TURN THESE TRENDS AROUND IN ORDER TO MAINTAIN A HEALTHY PRODUCTION BASE IS WELL RECOGNIZED BY INDUSTRIAL NATIONS OF THE WORLD; AND

WHEREAS, ALTHOUGH MOTIVATION FACTORS ARE AN IMPORTANT PART OF PRODUCTIVITY, THERE IS A LIMIT TO PRODUCTION INCREASE BASED SOLELY ON MOTIVATION AND A BOTTOM-UP IMPLEMENTATION OF THE MODERNIZATION PLAN FOR OLDER FACTORIES PROVIDES THE KEY TO THIS REQUIRED TURNAROUND; AND

WHEREAS, STANDARDIZATION IS ONE WAY TO EFFECTIVELY IMPLEMENT THE RAPIDLY EXPANDING TECHNOLOGY AVAILABLE FOR MANUFACTURING MODERNIZATION AND IN SUPPORT OF THIS ACTIVITY, ACADEMIA PROVIDES MANAGEMENT WITH RESEARCH AND EDUCATION, WHILE GOVERNMENT PROVIDES RESOURCES AND A CLIMATE CONDUCTIVE TO MODERNIZATION THROUGH STANDARDIZATION; AND

WHEREAS, THE FIRST INTERNATIONAL SYMPOSIUM ON AUTOMATED INTEGRATED MANUFACTURING WAS HELD APRIL 5 AND 6, 1983, AT THE TOWN AND COUNTRY HOTEL IN SAN DIEGO, THE PURPOSE OF WHICH WAS TO FOCUS ON BOTH APPLICATION OF AVAILABLE STANDARDS AND REQUIREMENTS FOR ADDITIONAL STANDARDS; AND

WHEREAS, THE SYMPOSIUM FORUM OFFERED PARTICIPANTS AN OPPORTUNITY TO CONSIDER AN INTEGRATED APPROACH TO STANDARDIZATION STRUCTURE IN SUPPORT OF COMPUTER CONTROLLED MANUFACTURING; AND

WHEREAS, ASTM, AN ORGANIZATION WHICH OPERATES ON A VOLUNTARY CONSENSUS BASIS THROUGH ITS MEMBERS, BOTH USERS AND PRODUCERS, IS INTERESTED IN THE APPLICABLE PORTIONS OF THIS SYMPOSIUM TOPIC; AND

WHEREAS, ASTM COMMITTEE E-31 HAS DISPLAYED CONCERN FOR THE DEVELOPMENT OF STANDARDS FOR VARIOUS COMPUTERIZED SYSTEMS, WHILE ITS SUBCOMMITTEE, E31.08 ON COMPUTERIZED MANUFACTURING PROCESSES, IS INTERESTED IN COMPUTER-CONTROLLED MANUFACTURING; AND

WHEREAS, THE PIONEERING EFFORT AND FORUM FOR DISCUSSIONS OF INNOVATIVE CONCEPTS ARE IMPORTANT MEANS TO INCREASE THE APPLICATIONS OF FACTORY AUTOMATION IN SOUTHERN CALIFORNIA, AND ITS BENEFITS INCLUDE CONSERVATION OF RESOURCES AND IMPROVEMENT OF ENVIRONMENTAL WORKING CONDITIONS; NOW, THEREFORE, BE IT

RESOLVED BY ASSEMBLYMAN LARRY STIRLING, THAT HE TAKES GREAT PLEASURE IN APPLAUDING THE CONTRIBUTIONS WHICH THE FIRST INTERNATIONAL SYMPOSIUM ON AUTOMATED INTEGRATED MANUFACTURING PROVIDED TO THE INDUSTRY, COMMENDS ASTM COMMITTEE E31.08 ON COMPUTERIZED MANUFACTURING SYSTEMS, DR. LEONARD B. GARDNER, CHAIRMAN, ON ITS EFFORTS IN ADDRESSING SPECIFIC ISSUES, AND EXTENDS BEST WISHES FOR CONTINUED SUCCESS IN FUTURE SYMPOSIUMS; AND BE IT FURTHER

RESOLVED, THAT A SUITABLY PREPARED COPY OF THIS RESOLUTION BE TRANSMITTED TO THE AUTHOR FOR APPROPRIATE DISTRIBUTION.

MEMBERS RESOLUTION NO. 1927

DATED: MAY 10, 1983

SIGNED


HONORABLE LARRY STIRLING
77TH ASSEMBLY DISTRICT



Foreword

The ASTM Symposium on Automated Integrated Manufacturing was held in San Diego, California, on 5-6 April 1983. Leonard B. Gardner, Automated Integrated Manufacturing, served as symposium chairman and has also edited this publication.

Related ASTM Publications

ASTM Standards on Computerized Systems (1983), 03-531083-32

Computer Automation of Materials Testing, STP 710 (1980), 04-710000-32

Computerized Testing, STP 578 (1974), 04-578000-34

A Note of Appreciation to Reviewers

The quality of the papers that appear in this publication reflects not only the obvious efforts of the authors but also the unheralded, though essential, work of the reviewers. On behalf of ASTM we acknowledge with appreciation their dedication to high professional standards and their sacrifice of time and effort.

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