

DECISION SUPPORT SYSTEMS

Proceedings of the NYU Symposium on Decision Support Systems
New York, 21-22 May, 1981

edited by

Michael J. GINZBERG

Walter REITMAN

and

Edward A. STOHR

*Computer Applications and
Informations Systems,
Graduate School of Business Administration,
New York University*



1982

NORTH-HOLLAND PUBLISHING COMPANY
AMSTERDAM · NEW YORK · OXFORD

TECHNISCHE HOCHSCHULE DARMSTADT	
Fachbereich 1	
Gesamtbibliothek	
Betriebswirtschaftslehre	
Inventar-Nr. :	34.517
Abstell-Nr. :	A 18/1303
Sachgebiete :	1.7.9.2

TABLE OF CONTENTS

PREFACE	v
INTRODUCTION	1
DECISION SUPPORT SYSTEMS: ISSUES AND PERSPECTIVES <i>M.J. Ginzberg and E.A. Stohr</i>	9
THE INTEGRATION OF BUSINESS INFORMATION SYSTEMS FOR DECISION SUPPORT SYSTEMS IN APL <i>R.D. Mattern</i>	33
THE EVOLUTION FROM MIS TO DSS: EXTENSION OF DATA MANAGEMENT TO MODEL MANAGEMENT <i>R.H. Bonczek, C.W. Holsapple and A.B. Whinston</i>	61
PROTOTYPING FOR DSS: A CRITICAL APPRAISAL <i>J.C. Henderson and R.S. Ingraham</i>	79
OPTIMIZATION IN INTERACTIVE PLANNING SYSTEMS <i>E.G. Hurst, Jr. and M.R. Kohner</i>	97
DECISION SUPPORT MODELS FOR FLEET PLANNING <i>M. Edelstein and M. Melnyk</i>	121
DESIGNING A DECISION SUPPORT SYSTEM FOR A CHANGING BELL SYSTEM <i>J.W. Jeske, Jr.</i>	133
APPLYING ARTIFICIAL INTELLIGENCE TO DECISION SUPPORT: WHERE DO GOOD ALTERNATIVES COME FROM ? <i>W. Reitman</i>	155