

Computer Simulation and Learning Theory, Volume 3, 1976

STRUCTURE ANALYSIS IN SIMULATION DEVELOPMENT Outline

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1. Introduction to structured programming
 - a. Introduction based on work published by O.J. Dahl, Universitet i. Oslo, Matematisk Institut; E. W. Dijkstra, Department of Mathematics, Technological University, Eindhoven, The Netherlands; C.A.R. Hoare, Department of Computer Science, the Queen's University of Belfast, Belfast, Northern Ireland.
2. Adaptation to Simulation Development
 - a. Objectives of structured analysis.
 - b. Functions of structured analysis.
3. Example - Structure of Craftco Manufacturing Company
 - a. Flow of development logic
 - b. Concepts
 - c. Data points
 - d. Data flow

FIGURE I

STRUCTURE OF CRAFTCO MANUFACTURING COMPANY

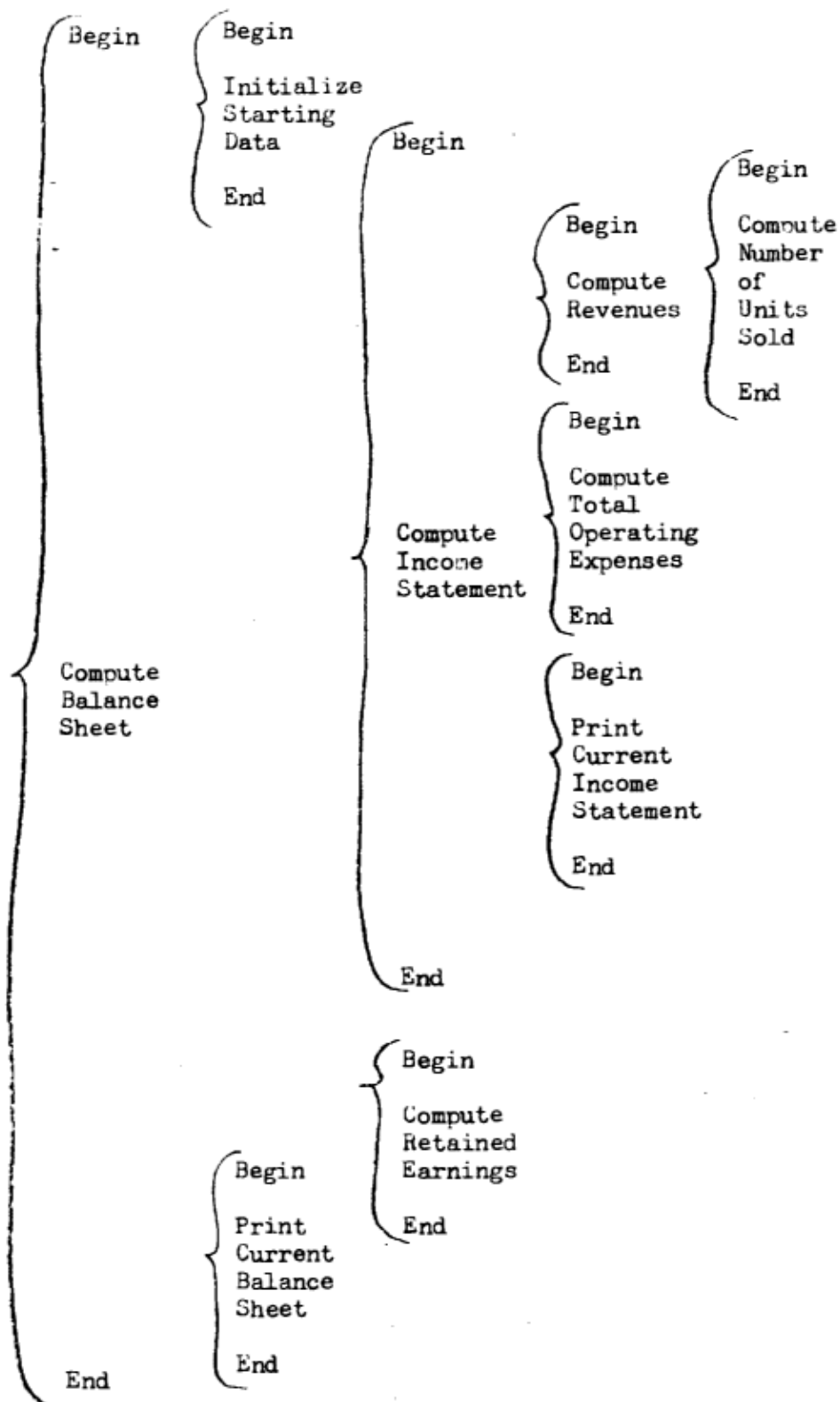


FIGURE II

STRUCTURE OF DEMAND GENERATION

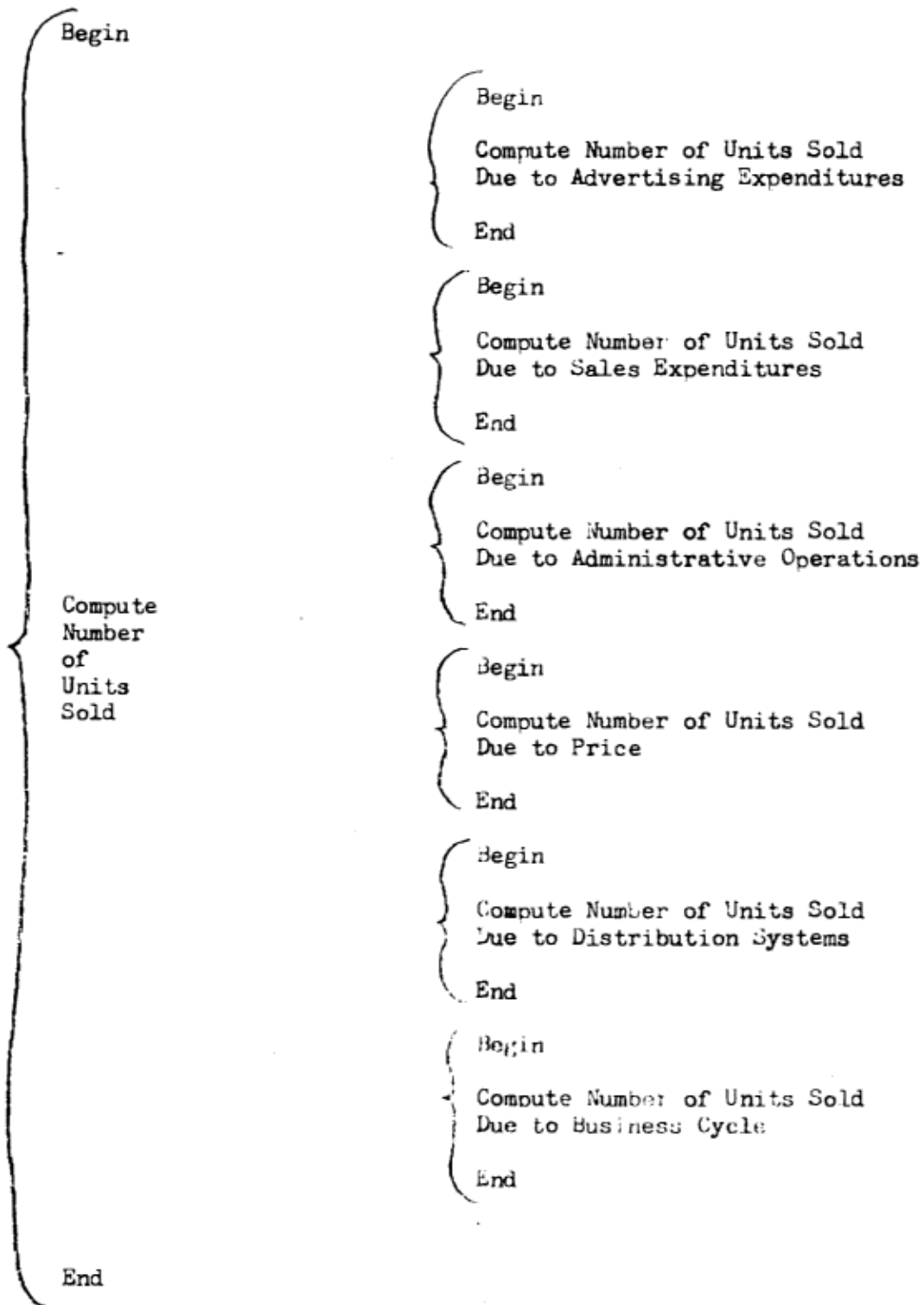


FIGURE III
STRUCTURE OF OPERATING EXPENDITURES

