

Introduction to Management Information Systems

Management Information Systems



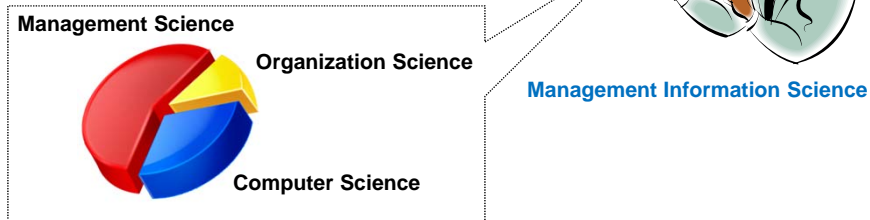
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- Management Information Systems
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- Sync Sangwon Lee, Ph. D
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- WONKWANG University

00. Contents

- 01. Management Information Science
- 02. Management Information Systems
- 03. Management
- 04. Information
- 05. Systems

01. Management Information Science

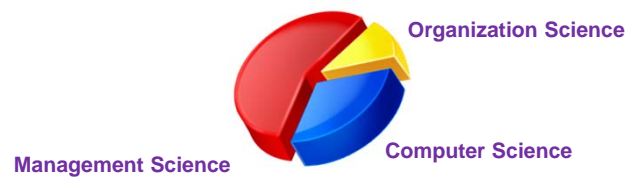
- Management Information Science
 - = A science to study on Management Information Systems (MIS)
 - It studies on
 - Management Science
 - Computer Science
 - Organization Science



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01. Management Information Science

- Background studies on Management Information Science
 - Management Science
 - for Analyses
 - on Problems, Models, Solutions
 - Organization Science
 - for Behaviors
 - on Individual, Organization, System(Institution)
 - Computer Science
 - for Technologies
 - on Hardware, Software, Database



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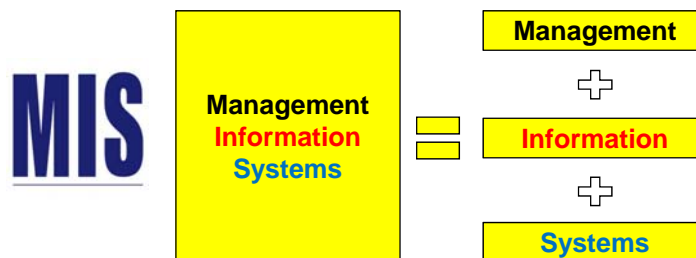
02. Management Information Systems

- Management Information Systems (MIS)
 - = (In the narrow sense) Information Systems for Managerial Transactions
 - = (In the broad sense) Organized Human-Machinery Systems for Managerial Decisions



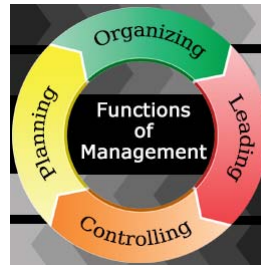
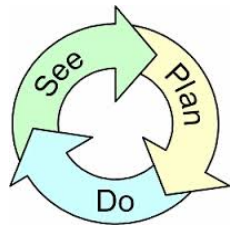
02. Management Information Systems

- Component of MIS
 - Management: Goal of MIS
 - Information: Basic Function of MIS
 - Systems: Basic Factor of MIS



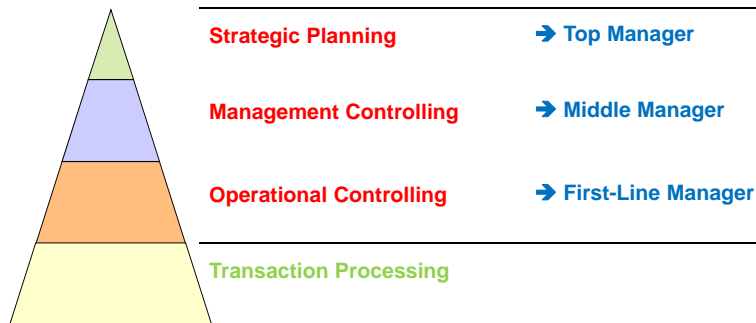
03. Management

- Processes/Functions of Management
 - Plan → Do → See
 - Planning → Organizing → Leading → Controlling



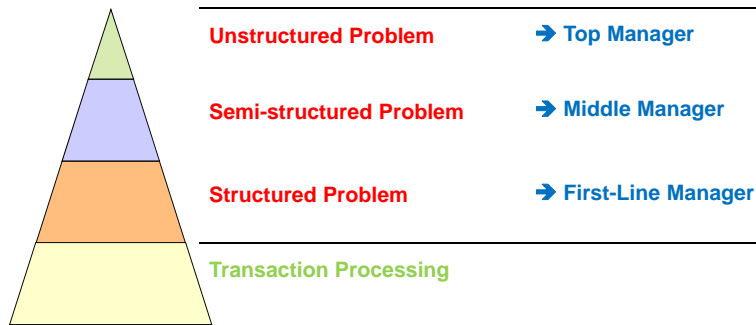
03. Management

- 3 Activities of Management (R. Anthony)
 - (Top Manager) Strategic Planning
 - (Middle Manager) Management Controlling
 - (First-Line Manager) Operational Controlling



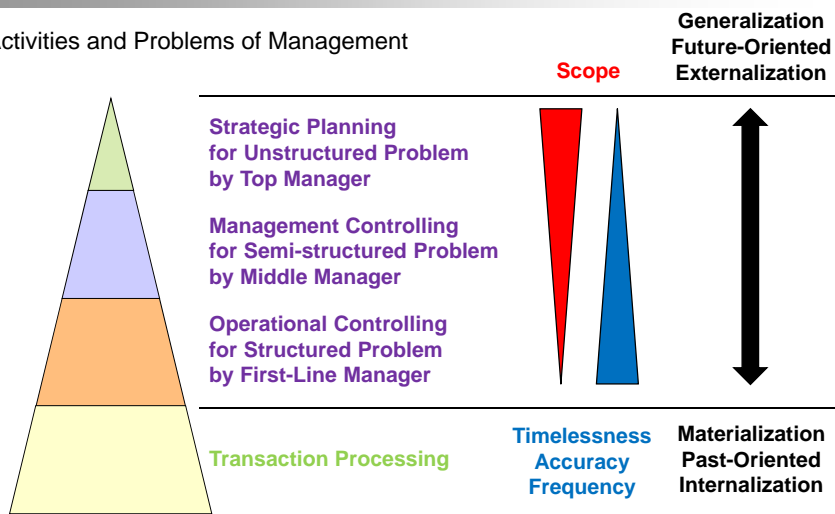
03. Management

- 3 Problems of Management (H. Simon)
 - (Top Manager) Unstructured Problem
 - (Middle Manager) Semi-structured Problem
 - (First-Line Manager) Structured Problem



03. Management

- 3 Activities and Problems of Management



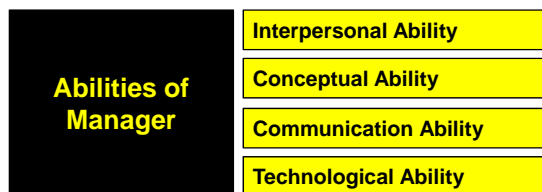
03. Management

- Roles of Manager
 - Interpersonal Role
 - Figurehead
 - Leader
 - Liaison
 - Informational Role
 - Monitor
 - Disseminator
 - Spokesperson
 - Decisional Role
 - Entrepreneur
 - Disturbance Handler
 - Resource Allocator
 - Negotiator



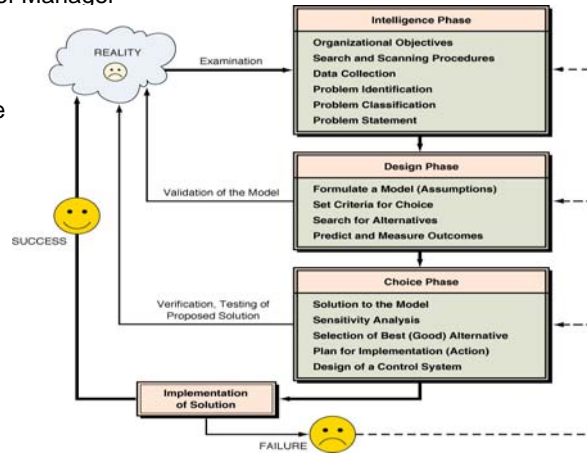
03. Management

- Abilities of Manager
 - Interpersonal ability
 - Conceptual ability
 - Communication ability
 - Technological ability



03. Management

- Decision Making Process of Manager
 - Intelligence Phase
 - Design Phase
 - Choice Phase
 - Implementation Phase



Decision Support Systems and Intelligent Systems, E. Turban, Prentice Hall