

Reimagining
College
Education

**A Mega-Institution Design for
Mass Access to Meaningful
Education**

Second Edition

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Chapter 2.

The Mission and Scope of MCCE

- Modern Formal Education:
The Reference Model:
**The Seven Stages of Teaching and Learning in
Formal Education**
- The Mission of Modern Formal Education to which MCCE
Subscribes
- The Scope of MCCE
- MCCE Selected Areas of Education
- MCCE: A Paradigm Shift from Shop Mode to Industrial-
Scale Orchestration
- MCCE: Institutional Redesign versus Course Redesign

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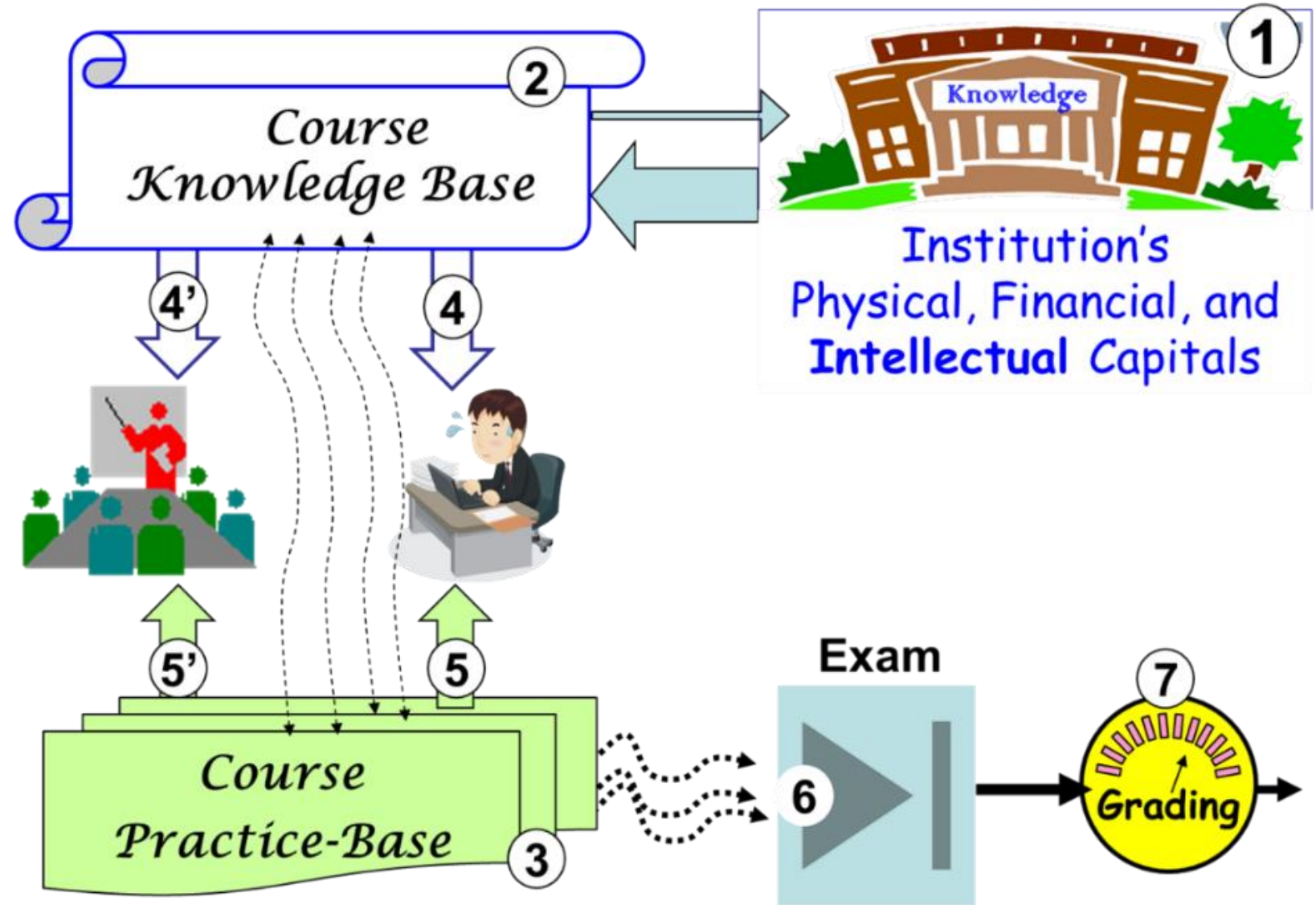


Figure 2.1. The Seven Stages of the Teaching/Learning Process in Formal Education

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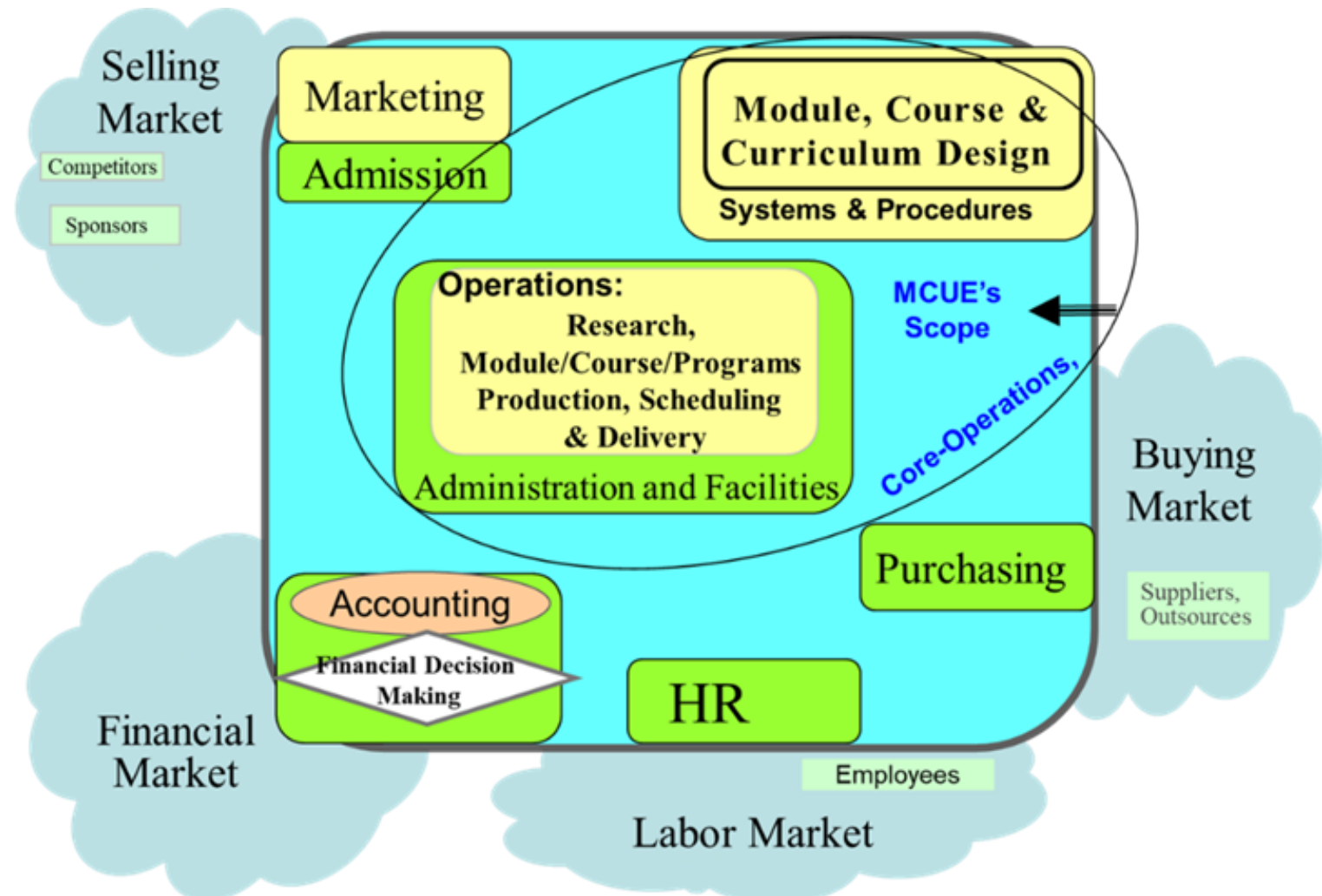


Figure 2.2. A Functional Model of Educational Institutions

This model is "A Systems Perspective on the Enterprise," applied to educational institutions -- adopted from the author's upcoming revision of his: Business Processes and Information Flows," Chapter 5. The book was used as a text in my Management Information Systems classes from 2000 through 2016.

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2.4 MCCE: A Paradigm Shift From *Shop Mode* to *Industrial Orchestration*

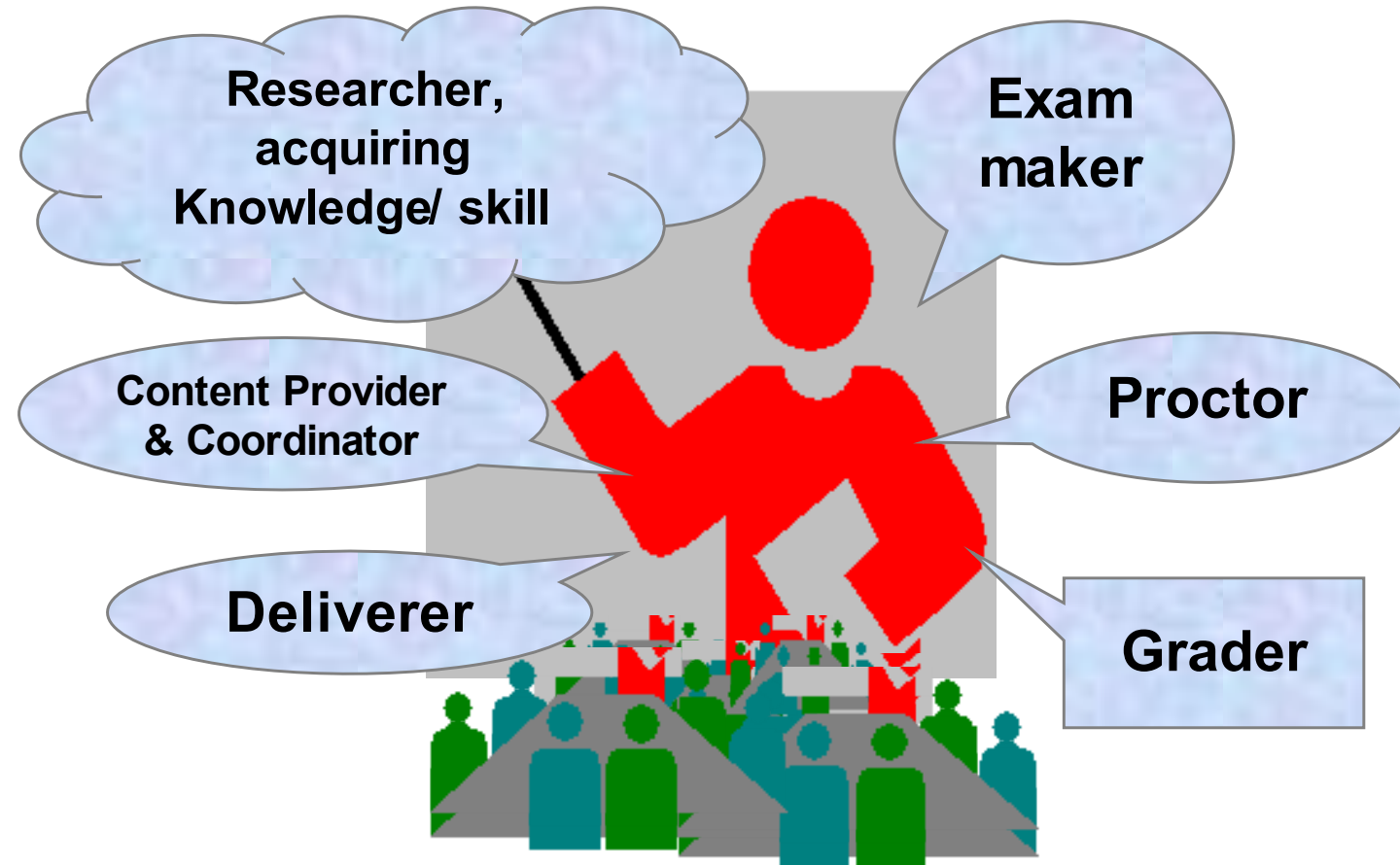


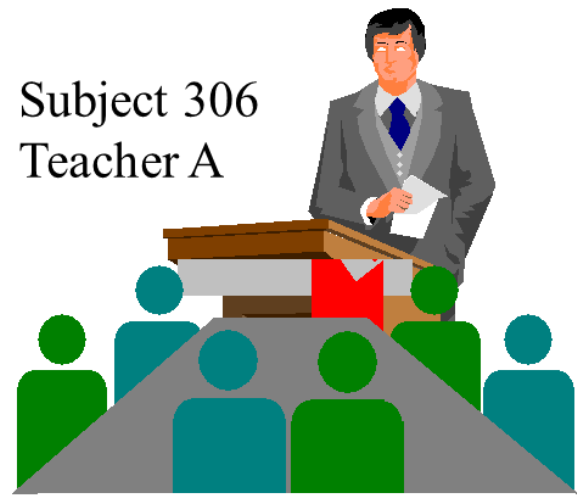
Figure 2.3, Teacher as the Shop-Operator
in the Present System

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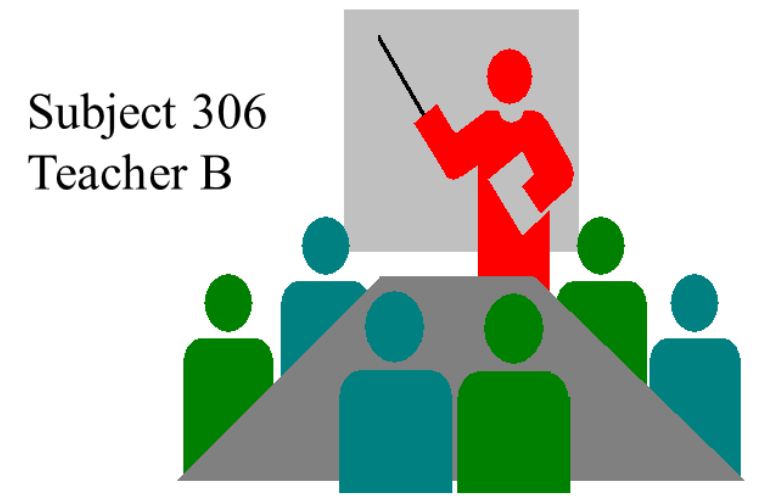
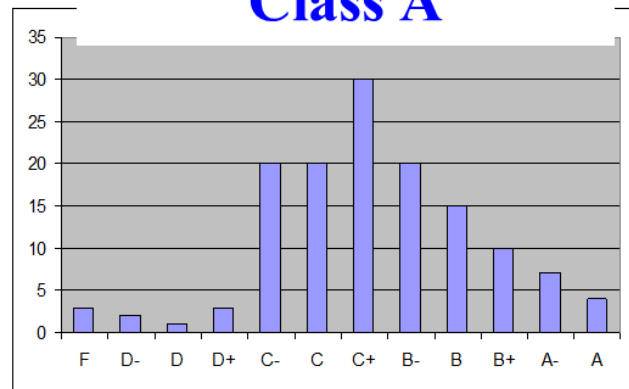
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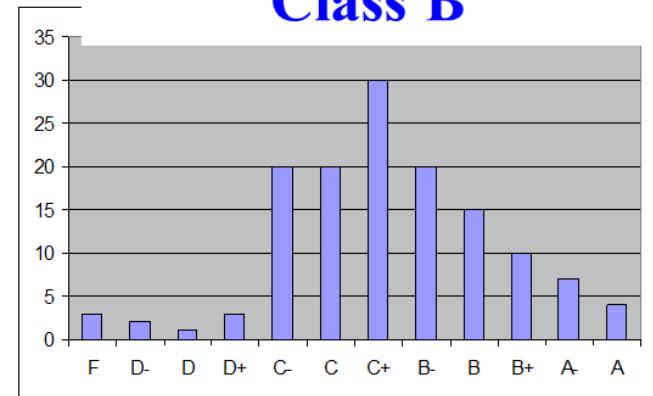
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Class A



Class B



← Same grade
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Figure 2.4,
Inconsistency of the Actual Learning Output in the Present System

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Adopting Relevant Lessons of Industrial-Scale Orchestration to Undergraduate Education

- Industrial-Scale Orchestration will Bring consistency and Continuous Improvement to Education.
- Where does Industrial Orchestration work in Education? Only in High School and Undergraduate Education
- The Needed Infrastructures For MCCE are Here Now
- Modularity
- Creativity in Shop Mode Production versus Creativity in Industrial Orchestration

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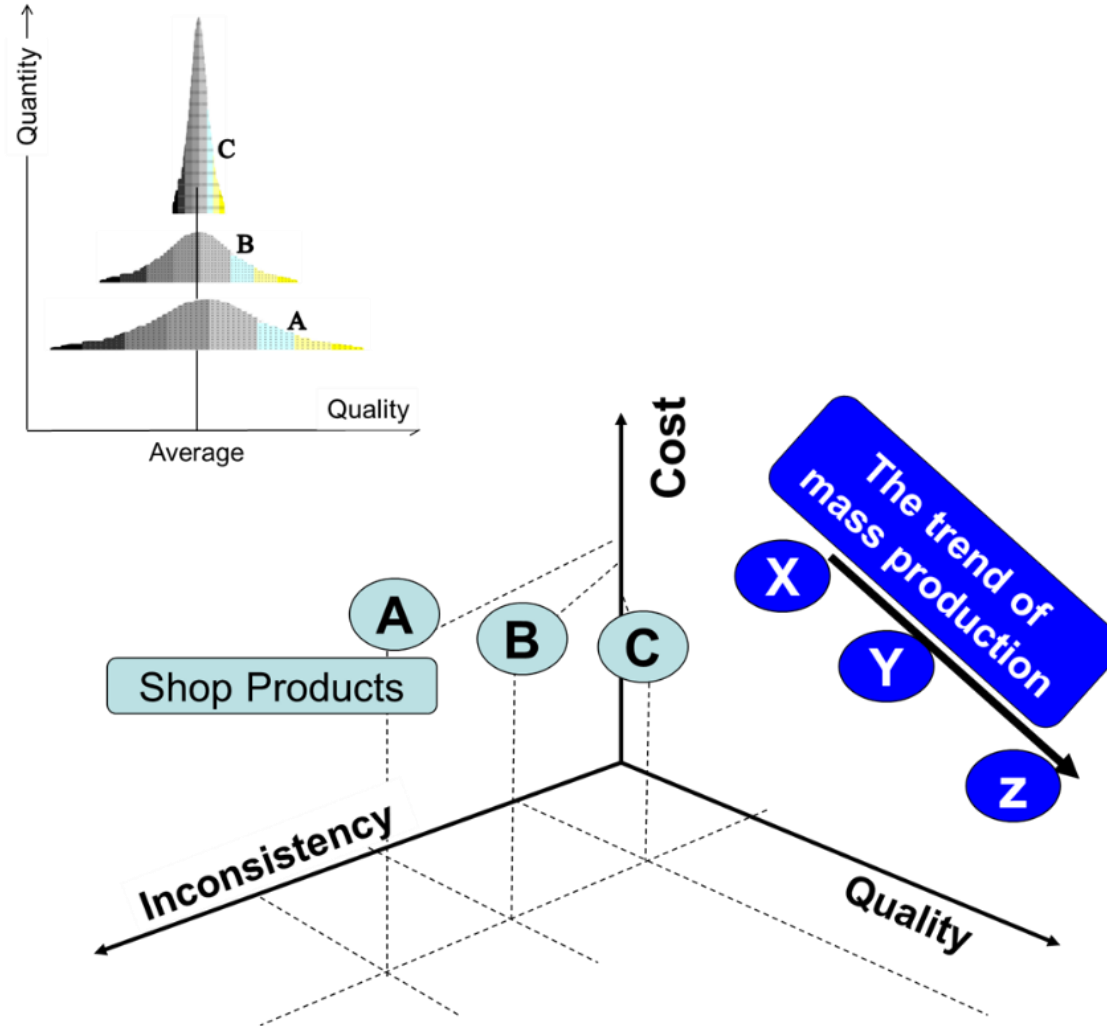


Figure 2.5. Product Inconsistency

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