

A map of East Asia, including Japan, Korea, and parts of China, is shown in green against a light blue background. A small red dot is located on the main island of Japan, indicating the location of the conference. The title text is overlaid on the map.

# **In Search of Archetypes of Supply Chain Systems**

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A light blue map of East Asia, including the Korean Peninsula, Japan, and the Philippines, is visible in the background. A white rectangular box with a thin black border is positioned in the upper center of the slide, containing the title text. The text is in a bold, dark blue serif font. The overall background of the slide is a light blue gradient, with a vertical strip of a textured, tan-colored material on the right edge.

## **Problems in Education of SCM & SCS**

**Too many problems, complex.**

**They don't look like ours.**

**Solutions;**

**Typical Reasons**

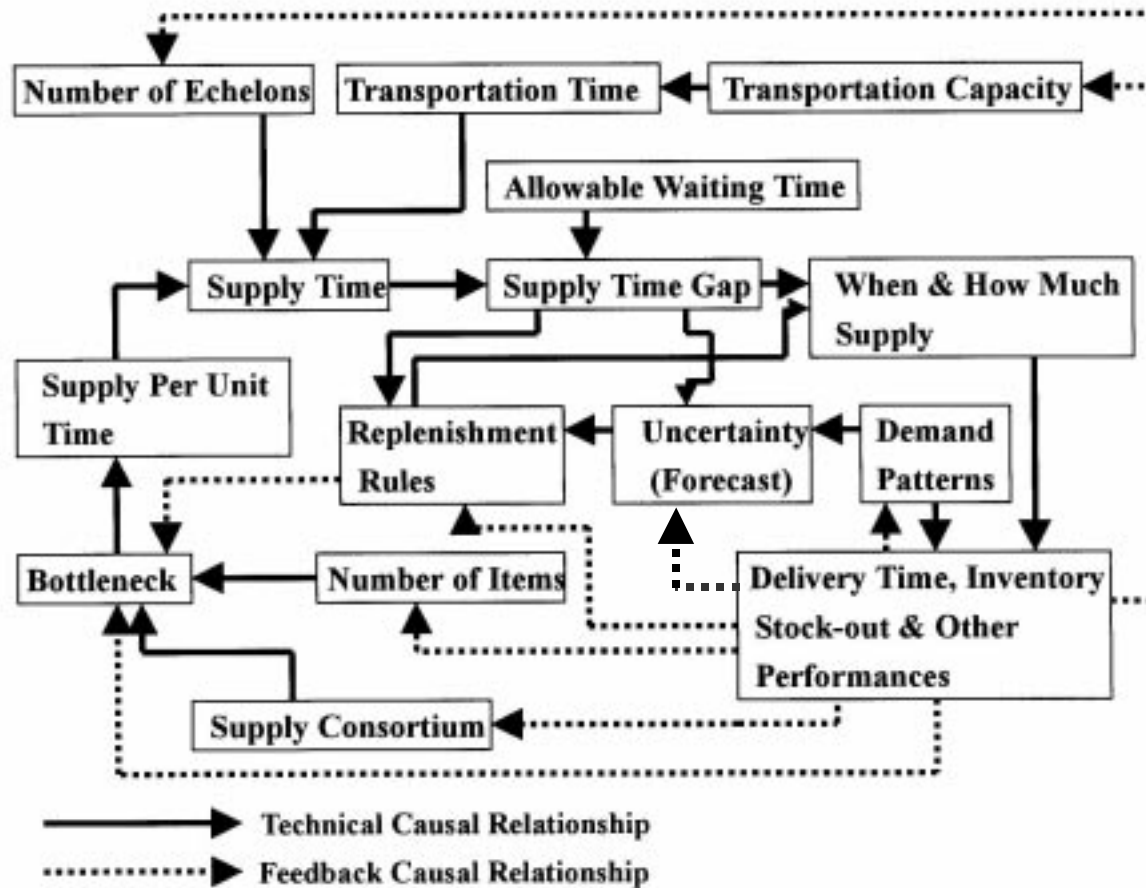
**Appropriate Viewpoints**



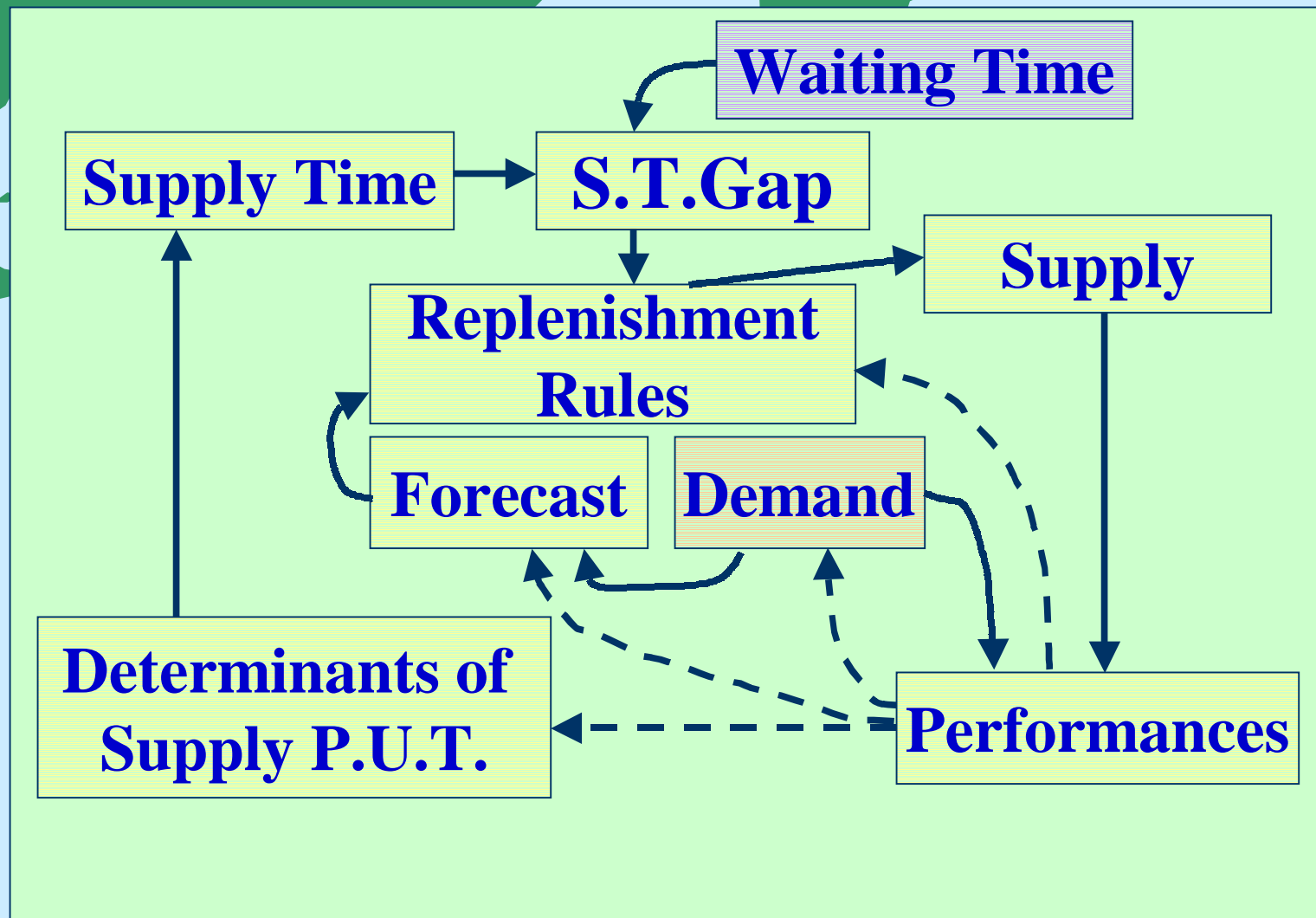
**Archetypes**

# Basic Loops of SCS

Figure 1 Main Causal Loops in Supply Chain Management



# Basic Loops of SCS



# Archetypes (1)

## 1. S.T.Gap & Commencement of Supply:

S.T. Gap as a basic source of SCM problems

## 2. Uncertainty & S.T. Gap:

Uncertainty effects due to S.T. Gap

## 3. Elapsed Time to Deliver:

Supply P.U.T. & Bottleneck

## 4. Effects of Replenishment Rules:

Determination of the Rules & their impacts

## **Archetypes (2)**

### **5. Multi-items:**

**Diseconomy of multi-items in Supply Chain**

### **6. Flexibility of Supply:**

**Supply Consortium & Cross-Supply**

### **7. Demand-Supply Interactions:**

**Long-run supply chain effects**



# **Test of Archetypes**

**Coverage of Real SCS Problems**

**Application in Class: Understandable**

**Enhancement of Insight into Real  
Systems**