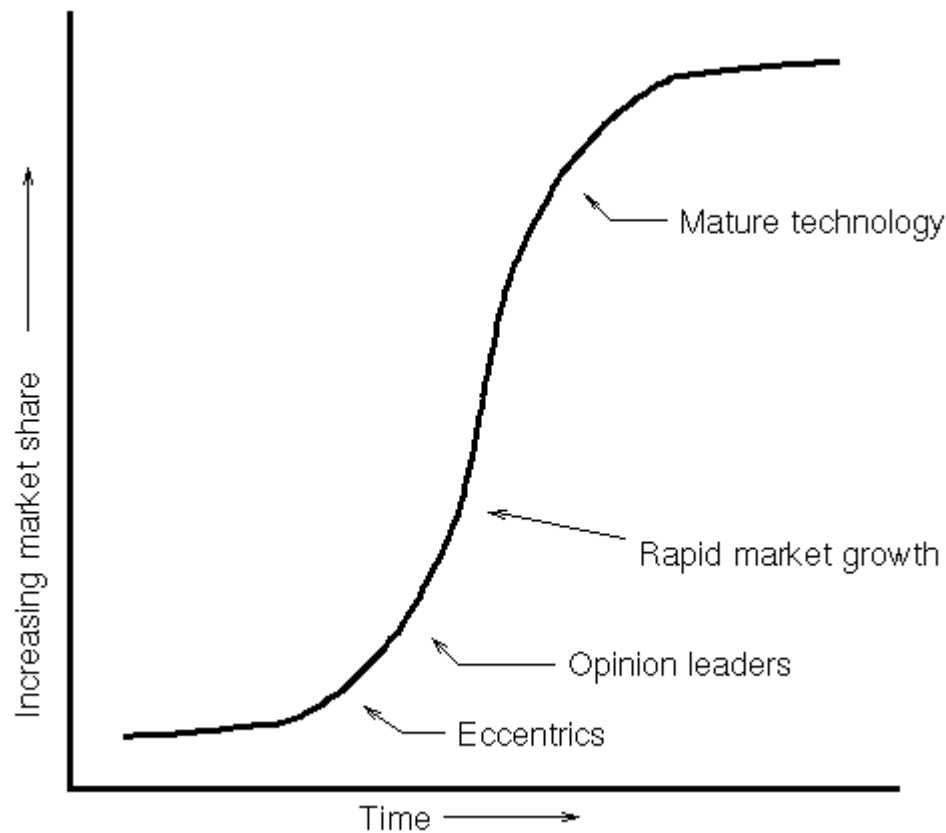


Technology Transfer Model

S-curve Growth

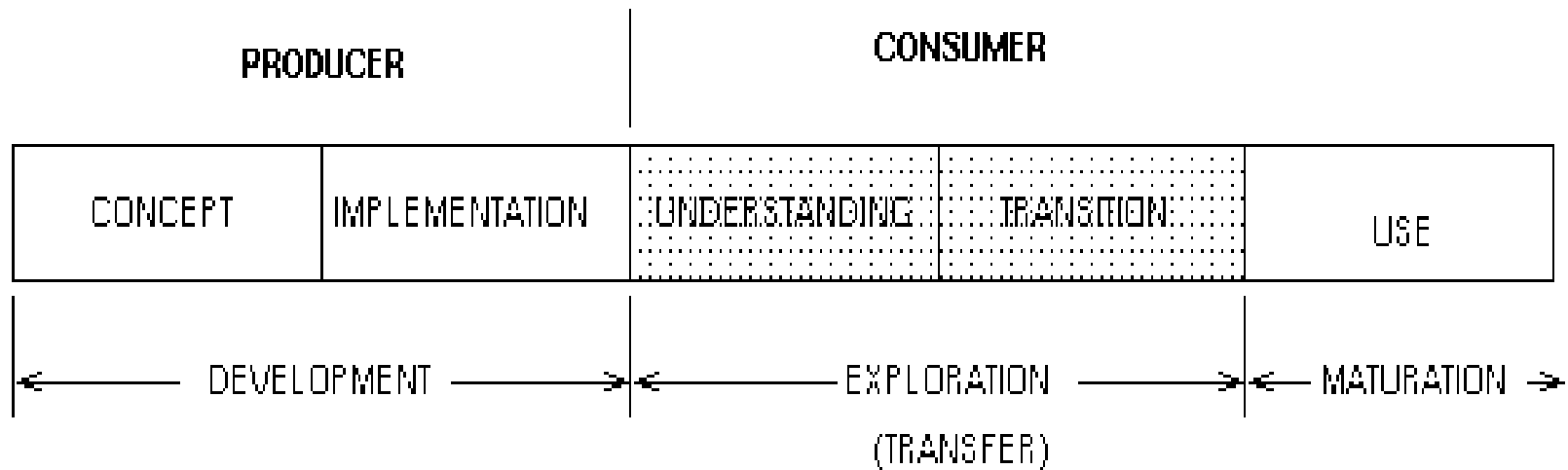
How do new technologies get adopted:



Transition models

- People mover (gatekeeper)
- Communication (published papers)
- On the shelf (packaged technology)
- Vendor model (Outside experts)
- Rule model (Outside influence, standards, edicts)

Technology Maturation Life Cycle (from Redwine and Riddle)



Technology Maturation Phases

Concept: Original concept introduced

Implementation: Initial implementation of technology

Exploration (understanding): Others experiment with technology, expand and modify it

Exploration (transition): Technology spreads across industry

Use: Mature when 70% of industry uses it

Technologies generally require 17-25 years to mature.

Corporate infusion of a new technology generally required 5-7.5 years

Example Technology Infusion

NASA SEL

