

Spatiotemporal Dynamics

Close or Direct Contact

Hearing range for speech

Oral message stored in brain; Patriarchal status-quo maintained

High TFR: proximity of infants/Children in home

Fluid, Partial Contact

Global information flow enables women's movement

Print stored outside of brain

Moderate TFR: infants nearby; Children away in school

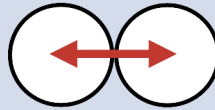
Open, Instantaneous, Little Contact

Internet erodes home/work spatial barrier for women

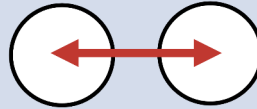
Artificial intelligence outside of brain

Low TFR: few infants nearby; Toddlers away in school

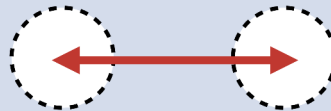
Complexity of Information Flow



1. **Preindustrial** (*Agrarian*)
Layer of Information Flow:
Oral and Hand-to-Hand Transfer



2. **Industrial** *Layer of Information Flow:*
Print/Images via Mechanical and Wireless Transit



3. **Post-Industrial** *Layer of Information Flow:*
Digital, Quantum, AI

- Relatively Firm Boundary
- Permeable Boundary
- Information Flow
- Agents in Social System

Energy Conversion

Musculoskeletal

Fossil Fuel and Electric

Renewable