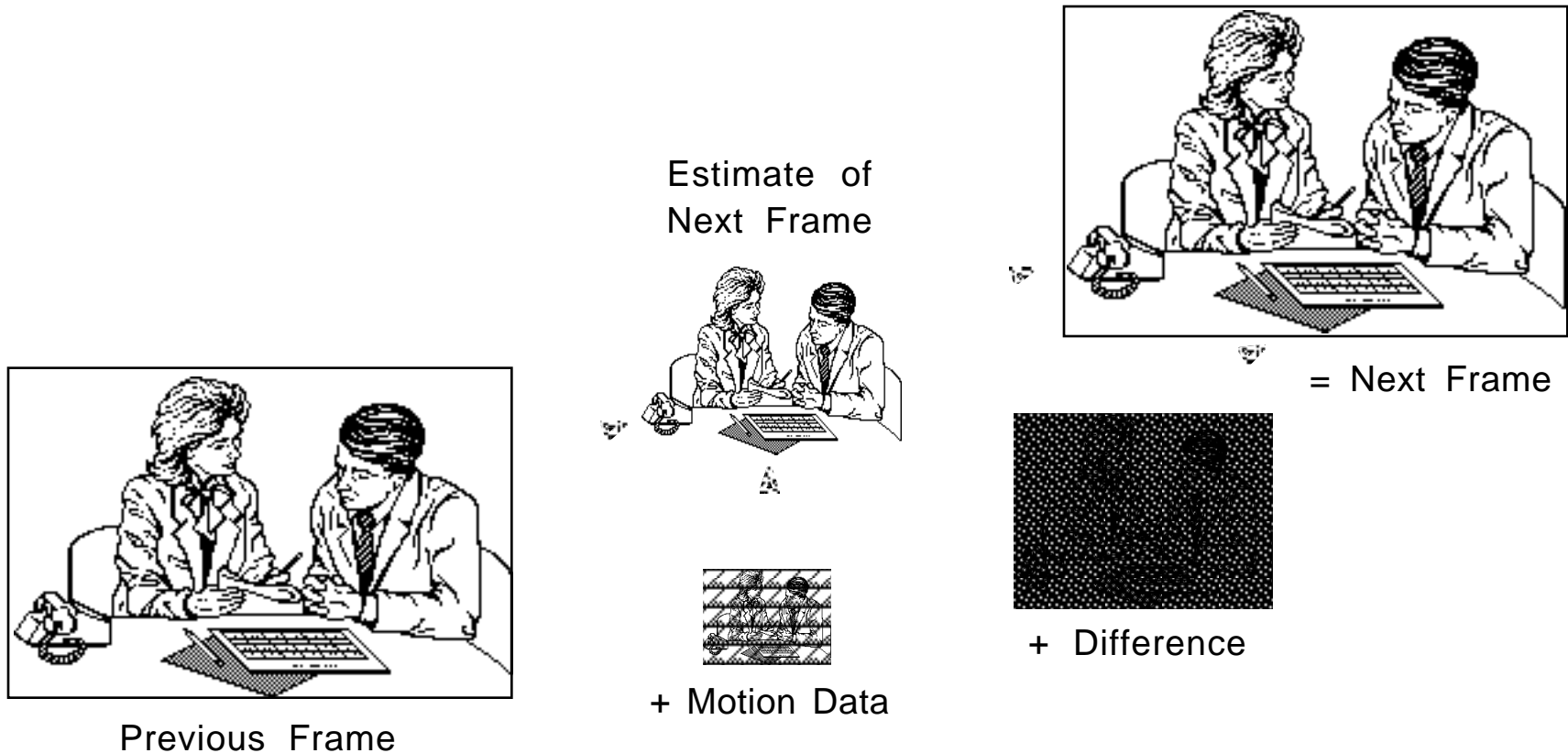# Digital Hierarchy Data Compression Concept

...motion-compensated encoding is the key to high performance...

Estimate of Next Frame

= Next Frame

+ Difference

+ Motion Data

Previous Frame

- Terrestrial Broadcast and VCR recording require 20-30 Mbps data rate - about 0.25 bits/pixel

- Higher Levels of the Digital Hierarchy allow finer quantization of the differences

Glenn A. Reitmeier 12/5/89