ELEN627 Lecture 6

- Review of last class
- Video Smoothing

Video Smoothing

- Works with Stored Media
  - Reduce the variance in sending rates
- "Smooth" data is easier to handle in the network
  - Requires less buffers
  - Easier to provide delay bounds
- Smoothing:
  - Send more data during low rate periods to reduce the rates during high rate periods
Smoothing operation
Smoothing

- Various possibilities
  - Minimize the rate variance
  - On-Off smoothing
  - Minimize the number of rate changes
Smoothing performance
Smoothing performance