

ATM Networks

Raj Jain

Professor of Computer and Information Sciences

The Ohio State University

Columbus, OH 43210-1277

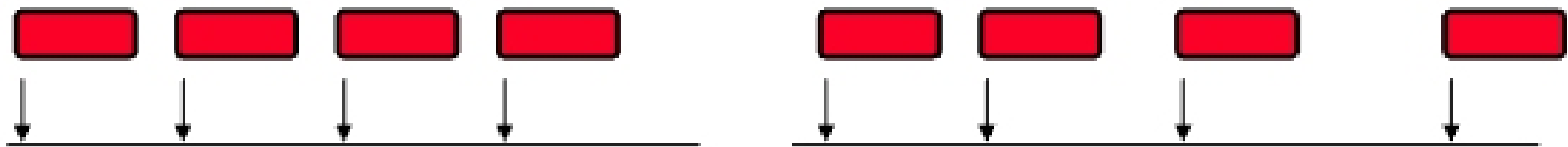
<http://www.cse.ohio-state.edu/~jain/>



- ❑ ATM: Overview
- ❑ ATM Protocol Layers
- ❑ Network Interfaces
- ❑ Adaptation Layers
- ❑ Physical Layers

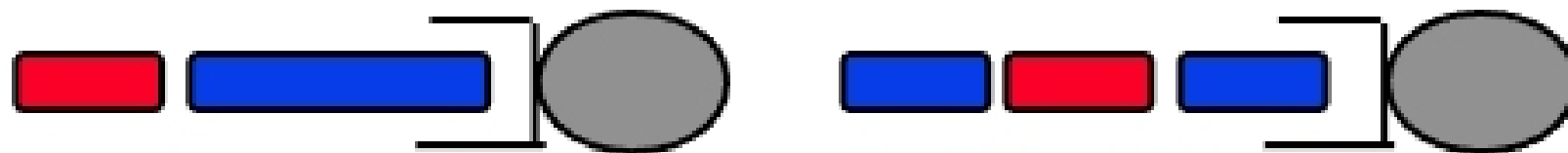
ATM: Overview

- STM = Synchronous Transfer Mode,
ATM = Asynchronous Transfer Mode



Allows **any-speed** and even **variable rate** connection

- ATM = Short fixed size 53-byte cells



- Connection oriented \Rightarrow Virtual Channels (VC)

