

Modeling Variable Throughput Channels with Stochastic ODEs

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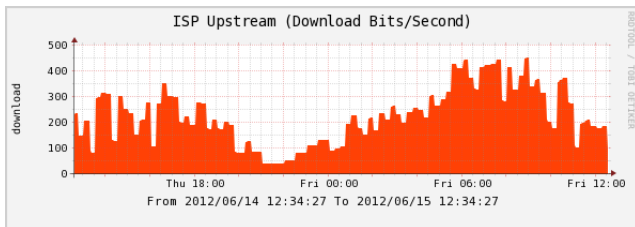
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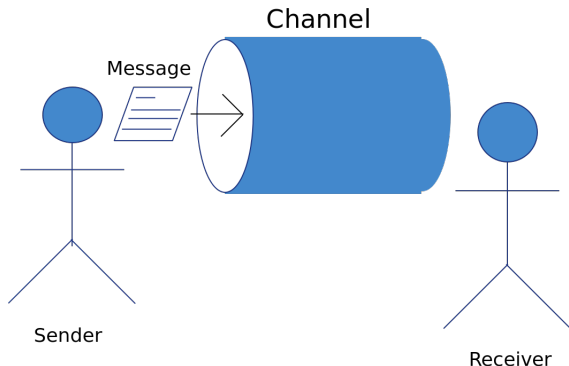
Introduction



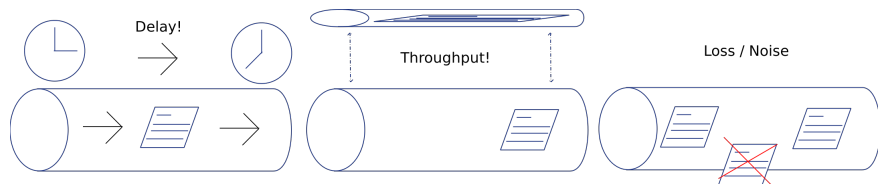
Stochastic differential equations are often used to model the nondeterministic behavior of network channels in computer science.

Networking Basics

A **Channel** is the medium through which a message propagates from sender to receiver.



Channel Characteristics



Demonstration

