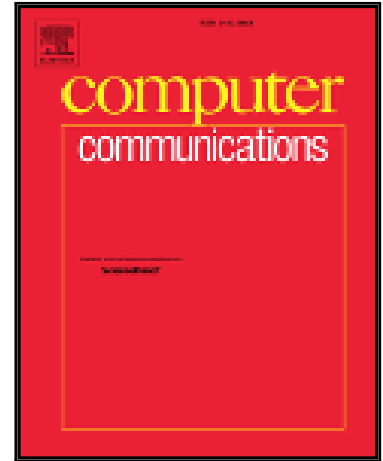


## Accepted Manuscript

Active Queue Management Based Feedback Control for TCP with Successive Delays in Single and Multiple Bottleneck Topology

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**Highlights**

- Novel approach to study the single bottleneck model of TCP/AQM system.
- New Multi-bottleneck model of TCP/AQM system with successive delays.
- New relaxed LMIs are established for system with successive delays.
- New implementation to avoid the use of an observer for TCP/AQM system.
- New algorithm to improve the buffer management.

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