**Homework 8**: TCP Congestion Control

Consider the figure below. Assume TCP Reno is the protocol experiencing the behavior, and answer the following questions. Justify your answer briefly.

1. Identify the intervals of time when slow start is operating

1-6, 23-26

1. Identify the intervals of time when TCP congestion avoidance is operating

6-16 17-22

1. After the 16th transmission round, is segment loss detected by a triple duplicate ack or a timeout?

TDA

1. After the 22nd transmission round, is segment loss detected by a triple duplicate ack or a timeout?

timeout

1. What is the initial value of ssthresh at the first transmission round?

[17-32]

1. What is the value of ssthresh at the 18th transmission round?

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1. What is the value of ssthresh at the 24th transmission round?

13