

192-1196

Assignment #3

To: Sir

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P8 :

Only timeout has been added in sender side protocol 3.0 which was not in protocol 2.2. The addition of timeout adds the possibility of duplicated packet into sender receiver side data stream. On the other hand, protocol 2.2 can also handle duplicate packets. Hence, 2.2 can also work as 3.0.

P22/a

window size  $N=3$

let packets received:  $k-1$

if has acknowledged all preceding packets

then sender window

$$[k, k+N-1]$$

let next acknowledgement be received at sender, then sender window contains

$$[k-N, k-1]$$

Hence, sender window has range.

$$[k-N, k]$$