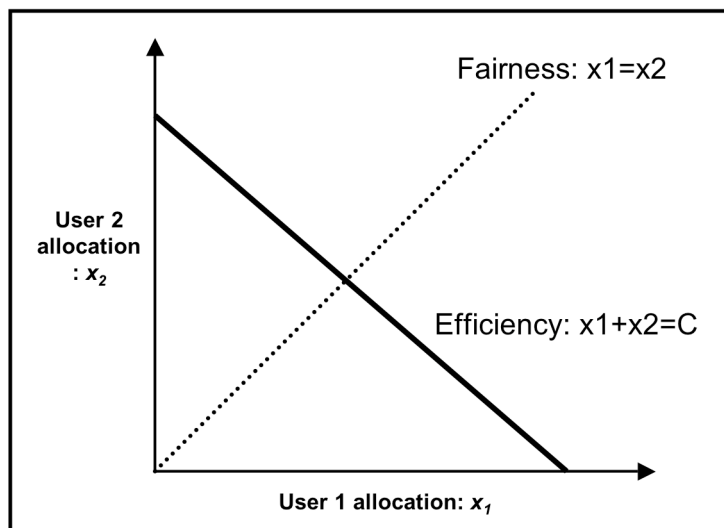
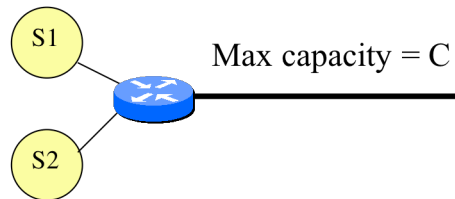


NETWORK DESIGN & MANAGEMENT

TCP Congestion Control

C. Pham

The figure illustrates the fairness & efficiency lines in the case of 2 TCP connections : x_1 and x_2 . Show on the figure where is the convergence point if $RTT_1=RTT_2$. If $RTT_1=2.RTT_2$ what will be the throughput repartition between user 1 and user 2 ?



The following figure shows the value of cwnd as a function of time. Complete the figure in order to have 3 reinitializations of cwnd (the reinitialization that occurred at time t_0 is included). Show the various thresholds on the figure.

cwnd

