Sink Source TCP LAYER NC LAYER $C[1] = p_1$ p_1 $C[2]=2p_1+p_2$ p_2 $C[3] = 2p_2 + p_3$ p_3 $C[4] = 2p_3 + p_4$ p_1 decoded, $ACK = p_2$ p_4 $C[5] = 2p_4 + p_5$ p_5 $C[6] = 2p_s + p_6$ p_6 $\widehat{C}[7] = 2p_6 + p_7$ p_7 $C[8] = 3p_6 + 2p_7$ $(redundant\ packet)p_8$ p_5 seen, $ACK = p_2$ p_9 p_6 seen, $ACK = p_2$ $C[10] > p_8 + 2p_9$ p_{10} $|p_5, p_6, p_7|$ decoded, $ACK = p_2$ Duplicate ACK p_8 decoded, $ACK = p_2$ Duplicate ACK p_9 decoded, $ACK = p_7$ Duplicate ACK $C[1] \leq p$ p_2 lost, resend p_2 $C[12] = p_0 + 2p_{10}$ p_{11} $C[13] = p_{10} + 2p_{11}$ p_2 decoded, $ACK = p_3$ $C[14] = p_{11} + 2p_{12}$ p_{10} decoded, $ACK = p_3$ p_{11} decoded, $ACK = p_3$ $C[15] \ge p_3$ p_3 lost, resend p_3 p_{12} decoded, $ACK = p_{3}$ $C[16] = 2p_{12} + p_{13}$ p_{12} $C[17] = 3\bar{p}_{13} + 4p_{14}$ p_{13} p_3 decoded, $ACK = p_4$ $p_{13} decoded, ACK = p_4$ p_{13} decoded, $ACK = p_4$ p_4 lost, resend p_4 $ACK = p_{14}$