第三次作业 P3- 01010011 +01100110 10111001 01110100 [00101101 00101110

· 和助反码是 | 10 | 000 |

接收b通过求 31 8bīt字与 checksum 酝 私来检测醋溪, 若澎岫中含 h O, 则有-个bit 镅 慢, jīj有-h bit 耺腊没都能:测齿,

但小时的睹可能测不的。 此如 第十字的最后才 bit 睹为o,而 第叶 B节节后最后 十bit 精为1,包对 求和信果无影响。

所以检测物的指没。

P31.

n72251

P15. trans = 1/2 = 1500 × 8 bit/pkt = 12 µs/pkt

 $U_{\text{sender}} = \frac{V_{R} * n}{P + V_{R}} = \frac{0.012n}{30.012} \ge 0.9$ 

· 与爾水度造为2051时,利用各超过 70%

0>| Istimated ET = 11-0115)+100 + 0.17 +106 = 100.75(ms)

DENETT = (1-0.25)\*++ 0.25\* (106-100.75) = 5.06 (MS)

Timeout Interval = 100.75 + 4x 5.06= 120.99 (ms)

172 Estimated RTT = (f 0/25) \* 100.75 + 0.12 \* 120 = 103.15 (ms) NEWETT = (1-0.75)\*5.06+0.25\*/120-103-11 = 8MS)

Timeout Internal = 103.15 + 4x8 = 135.15 (ms)

2-73 Estimated PT = (1-0.125) 403.15 + 0.125\* 140 = 107.76 (m5)

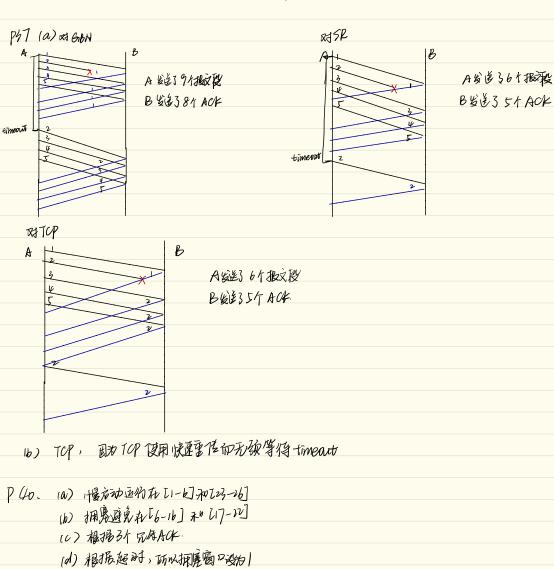
Devett = (1-0.25)\*8 + 0.25\* (40-107.76)= 14.06 1005)

Time out Interval = 107.76 + 14.06 \* 4 = 164 (MS) 3-> V Estimated PT = 11-0.175/x107.76 to.125 \*90 = 105.54/ms)

DENRTT = (1-0.25) \* 14.06 + 0.5 \* 190-105.54 = 14.441MS)

Timeout Interval = 105.54 + 14.42 x / = 163.20 (ms) (+) 5 Estimated RTT = (1-0.125) \* 105.56 + 0.125 \* 115 = 106.71 (ms)

DENRTJ = (1-0.75) \*14. pz + 0.75 \* (115-106.71) = 12.88 (MS)



(10) Sothers 阿视的医为32 (+) Sothersh = 21

 $10 \text{ sethresh} = \frac{29}{1} = 14$ 

(h) HZ+4+8+16+32=63 L70 63+31= 94770

二、机第7个传输轮回内发色第70个推过程

(i). 55+Mr85N= 8/2=4 面B 长度为 4H3 =7

1j) 54hresh=21

窗内离为 K (K) 1+2+4+8+16+4=52