台第九章作业 (2022-3-4) ₱ P3 a.)服务错平均贯送比带率对于 b.) O为o即客中端不缓冲任何字节, 幸璇率与客户 端收货的比赛率时,会出现移放败不连续现 家(跳院) C) 该 q C+t)表示在 特间七 络冲的字节数, 那 \$ q (+1) - Q 对介牙开始的放 = H > Q · 966)= St H sds = 1782 Rp g(t)=0, \$ t= \[\frac{207}{H} d.) 当 t=T elb)= 2=0, 为保证此时不会卡贩。 则对于+2T.时,e(t+T)>0 9H17) = HT - Yt + 1 to pcs) ds > = (T-6) + 1 + p(s) us

$$\frac{1}{12} t = MT + \Delta t, 0 < \Delta t < T.$$

$$\frac{1}{12} (MT) > \frac{11}{12} (T - Mt - \Delta t) + \frac{MHT}{2} + \frac{11}{12} t^{2}$$

$$= \frac{11}{2} (T - \Delta t + \frac{\Delta t}{T}) > 0$$

$$e.) \qquad Q(t) = \frac{11}{27} t^{2} - r(t - tp), 3 + p < t < T$$

$$\sqrt{M} = \frac{1}{27} t^{2} + r(t - tp), 3 + p < t < T$$

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a) 目最可知,实际的语言信息在中封装后。 大小于160+h 3本 (160 to fay loud 大小) 一传编章和 (16041)字节×864/字节 X (owo MS/S = (6420 + 400h) bps N= 40 9# p.) ' 中P7 a) 波过"表示第四个条框 101 = 14 - ta $d^{(r)} = u(r_3 - t_3) + (-u) d^{(u)}$ $d^{(2)} = \mu(\gamma_2 - t_2) + (1-u) d^{(2)}$ d ca)= m(1,-f1) + c+m d(3)

(b)
$$u_{j=1}^{(n)} = u_{j=1}^{(n)} (1-u_{j})^{2} (1-u_{j}$$

c)
$$d^{(\infty)} = \frac{d}{1-d} \sum_{j=1}^{\infty} ([-n]^{j} (r_{j} - t_{j}^{*})$$

$$= \frac{0.1}{1-0.1} \sum_{j=1}^{\infty} (1-0.1)^{j} (\gamma_{j} - t_{ij})$$

$$= \frac{1}{q} \sum_{j=1}^{\infty} (\frac{q}{10})^{j} (\gamma_{j} - t_{ij})$$