

10 Mbps 5 Mbps Q 11 Mpps 1 Mbps Bandwidth-naste nith ciruit-smitchtra P -> festare K pack ets (1-p) -> success $P_n = {k \choose n} (1-p)^n (p)^{k-n}$ #1 sond p.p (1-p) = p2(1-p) X=n

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KN GÜZ

r.v.
$$X, pdf$$
 $P_{x}(x_{i})$

$$E[X] = \{ \{ x \}, \ P(X_i) \}$$

$$\left(\sum_{k=0}^{\infty} a \cdot r^{k} = \frac{q}{1-r} \right)' \stackrel{\text{(2)}}{=} \sum_{k=0}^{\infty} a \cdot k \cdot r^{k-1} = \frac{q}{(n-r)^{2}}$$

$$\begin{array}{c}
\left(\begin{array}{c}
\left(1-p\right)->a\\
\end{array}\right) \\
\left(\begin{array}{c}
1\\
p->r
\end{array}\right)$$

$$(a) = \frac{1-\rho}{(1-\rho)^2} = \frac{1}{1-\rho} = E(A)$$

$$\frac{FSM}{I = \{0, 1\}}$$



