M/G/1 Delay System

Pollocrek- Whintchine Formula:

$$\overline{W}: \Phi_{W}(s) = \frac{(1-p)s}{s-\lambda+\lambda} \Phi_{H}(s)$$
, $\rho = \lambda h = \frac{\lambda}{b}$

$$\nabla_{F}$$
: $\Phi_{F}(s) = \Phi_{W}(s) \cdot \Phi_{H}(s)$, as $\nabla_{W_{1}} \nabla_{H}$ are independent of each of the

$$E[T_W] = \frac{P(1+c_H^2)}{2(1-P)}h \qquad W = P\{T_W > 0\} = P$$

Hear flow Time Elt.