

# Errata of *Network Performance Analysis*

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- *p. 104* The Pollaczek-Khinchin's formula is incorrect. Please read:

$$\delta = \frac{1}{\mu} \left( 1 + \frac{\rho}{1 - \rho} \frac{\mathbb{E}(S^2)}{2\mathbb{E}(S)^2} \right).$$

- *p 163, Ex 8.* The correct formula for  $\pi(0)$  is:

$$\pi(0) = \frac{1}{1 + \alpha + \dots + \frac{\alpha^m}{m!} + \frac{\alpha^m}{m!}(\rho + \dots + \rho^n)}$$

- *p. 211* The correct expression for  $\pi$  is:

$$\pi(x) = \pi(0) \frac{K!}{(K-x)!} \beta^x, \quad \forall x = 0, \dots, K.$$