

On the statistics of K-distributed noise

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Corrigendum

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Due to a mechanical fault, several characters were omitted from the equations in the above paper.

The equations affected should read as follows:

$$Q(z, 0; z', t) = [(1 + \bar{N}z/\alpha)(1 + \bar{N}z'/\alpha) - zz'\theta(1 + \bar{N}/\alpha)\bar{N}/\alpha]^{-\alpha}, \quad (12)$$

$$\lim_{\bar{N} \rightarrow \infty} C_{\bar{N}}(u) = [1 + u^2 \langle a^2 \rangle / 4\alpha]^{-\alpha} \quad (22)$$

$$p(A) = \frac{2b}{\Gamma(\alpha)} \left(\frac{bA}{2}\right)^\alpha K_{\alpha-1}(bA) \quad (23)$$

$$n^{[r]} = \langle I^r \rangle / \langle I \rangle^r = \Gamma(r + \alpha) / \alpha^r \Gamma(\alpha) \quad (40)$$

$$Q(s, s') = [(1 + s\langle I \rangle/\alpha)(1 + s'\langle I \rangle/\alpha) - ss'\langle I \rangle^2 \theta(\tau)/\alpha^2]^{-\alpha}, \quad (41)$$

$$P(I, I') = \frac{\alpha^2}{\langle I \rangle^2 \Gamma(\alpha)(1-\theta)} \left(\frac{\alpha}{\langle I \rangle} \sqrt{\frac{II'}{\theta}}\right)^{\alpha-1} \exp\left(-\frac{\alpha(I+I')}{\langle I \rangle(1-\theta)}\right) I_{\alpha-1}\left(\frac{2\alpha\sqrt{II'\theta}}{\langle I \rangle(1-\theta)}\right), \quad (42)$$