

Corrigendum

A. Z. AKCASU and M. M. R. WILLIAMS, “An Analytical Study of Particle Transport in Spatially Random Media in One Dimension: Mean and Variance Calculations,” *Nucl. Sci. Eng.*, **148**, 403 (2004).

There is a typographical error on the left side of Eq. (47) and in the preceding unnumbered equation. The correct forms should be as follows:

$$\langle \exp[a_1 z(x) + a_2 z(L)] \rangle = \langle \exp[(a_1 + a_2)z(x)] \exp[a_2(z(L) - z(x))] \rangle .$$

The first factor involves the realizations of $N(x)$ in the interval $(0, x)$, whereas the second is in (x, L) . In general, the variations in these two nonoverlapping intervals are correlated, as in the case of the dichotomic process [see the discussions following Eq. (20)]. In cases where these correlations can be ignored, we obtain the following approximation:

$$\langle \exp[a_1 z(x) + a_2 z(L)] \rangle \approx \langle \exp[(a_1 + a_2)z(x)] \rangle \langle \exp[a_2 z(L - x)] \rangle . \quad (47)$$

A second typographical error, which again has no bearing on the general conclusions, involves Eqs. (18), (21), and (24). In those equations, p_2 should be replaced by p_1 .