

Exact solutions for diffusion-reaction processes in one dimension: II. Spatial distributions

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Erratum

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Figure 3 and the second paragraph on p 4199 are in error when either of the boundaries is absorbing. The correspondence given between the two-dimensional diffusion and the one-dimensional diffusion–reaction indicates that absorption of the 1D particle occurs when the 2D dummy diffusing coordinate hits the absorbing boundary. This is clearly in error. For periodic and purely reflecting boundary conditions, the logic given is correct, and the situations in figures 3(a) and 3(d) are handled correctly.