Oil Plume Distribution in an Anisotropic Porous Medium

Arieh Pistiner

Published online: 14 August 2007
© Springer Science+Business Media B.V. 2007

Erratum to: Transp Porous Med (2007)
DOI: 10.1007/s11242-007-9100-0

Due to an unfortunate turn of events this article is published on the preceding pages with an erroneous version of Eqs. 25 and 26. Please find below the correct equations 25 and 26 that should be regarded by the reader as the final versions.

$$\cot \left[\frac{1}{\sqrt{1+\lambda^*}} \left(-\tan^{-1} \left(\frac{8\lambda^* \sqrt{1+\lambda^*} C}{3} \right) \right) \right] + \cot \left[\frac{1}{\sqrt{1+\lambda^*}} \left(+\pi - \tan^{-1} \left(\frac{8\lambda^* \sqrt{1+\lambda^*} C}{3} \right) \right) \right] = -\frac{2\kappa_r}{\alpha}, \quad (25)$$

$$C = \frac{3}{8\lambda^* \sqrt{1+\lambda^*}} \cot \left\{ \frac{\sqrt{1+\lambda^*}}{2} \cos^{-1} \left(\frac{\left(\frac{\kappa_r}{\alpha} \right)^2 \cos \frac{\pi}{\sqrt{1+\lambda^*}} + \sqrt{1 + \left(\frac{\kappa_r}{\alpha} \sin \frac{\pi}{\sqrt{1+\lambda^*}} \right)^2}}{1 + \left(\frac{\kappa_r}{\alpha} \right)^2} \right) \right\}. \quad (26)$$

The online version of the original article can be found under doi:[10.1007/s11242-007-9100-0](https://doi.org/10.1007/s11242-007-9100-0).

A. Pistiner (✉)
Unit for Hydrocarbon Pollution Prevention,
Ministry of the Environment, Haifa, Israel
e-mail: ariep@sviva.gov.il