Accepted Manuscript

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PII: S0309-1708(08)00086-9
DOI: [10.1016/j.advwatres.2008.05.008](https://doi.org/10.1016/j.advwatres.2008.05.008)
Reference: ADWR 1281

To appear in: *Advances in Water Resources*

Received Date: 8 May 2008
Accepted Date: 9 May 2008

Please cite this article as: Mortensen, J., Telyakovskiy, A.S., Li, L., Lockington, D.A., Parlange, M.B., Stagnitti, F., Jeng, D.-S., Selker, J.S., Barry, D.A., Parlange, J.-Y., Erratum to “Similarity solution of axisymmetric flow in porous media”[Adv. Water Resour., 28 (2005) 1076-1082], *Advances in Water Resources*(2008), doi: [10.1016/j.advwatres.2008.05.008](https://doi.org/10.1016/j.advwatres.2008.05.008)

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Erratum to “Similarity solution of axisymmetric flow in porous media” [Adv. Water Resour., 28 (2005) 1076-1082]

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May 7, 2008

Incorrect results were provided in Table 1 for Eqs. (27) and (28) and for the evaluation of the integral based on the iterated solution of f . The main difference between the two tables is that Eq. (27) is far more accurate than originally suggested, it has about the same accuracy as Eq. (28). With the exception of the last column, numbers in the new table tend to be slightly closer to the numerical results. Note that in the last column the iterated values are above the numerical results by 8 and 9 respectively on the 4th decimal place, whereas the original table suggested they were 8 and 2 less

Table 1: Calculated values of $\frac{\int f d\eta^2}{\alpha+1}$ using different methods

	$\alpha = 0.5$	$\alpha = 1$	$\alpha = 1.5$	$\alpha = 2$	$\alpha = 5$	$\alpha \rightarrow \infty$
Eq. (27)	0.0809	0.0891	0.0939	0.0971	0.1050	0.1127
Eq. (28)	0.0809	0.0892	0.0941	0.0973	0.1051	0.1129
Evaluation of the integral based on the iterated solution of f , i.e., Eq. (32) with $m = 3$, in which Eq. (27) is used as a first approximation	0.0807	0.0892	0.0942	0.0975	0.1055	0.1134
Evaluation of the integral based on the iterated solution of f , i.e., Eq. (32) with $m = 3$, in which Eq. (28) is used as a first approximation	0.0807	0.0892	0.0942	0.0975	0.1055	0.1135
Numerical solution	0.0810	0.0894	0.0942	0.0973	0.1051	0.1126

than the numerical results. These corrections do not change the conclusions of that paper.

References

- [1] L. Li, D.A. Lockington, M.B. Parlange, F. Stagnitti, D.-S. Jeng, J.S. Selker, A.S. Telyakovskiy, D.A. Barry and J.-Y. Parlange, Similarity solution of axisymmetric flow in porous media, Adv. Water Resour., 28 (2005) 1076-1082.