



Corrigendum

Comment on the paper by B.N. Azarenok “A method of constructing adaptive hexahedral moving grids” 226 (2007), pp. 1102–1121

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At page no. 1106 of the mentioned paper, we have presented the following functional:

$$\mathcal{D} = \frac{1}{2} \int_0^1 \int_0^1 \frac{\alpha_{11}(x_\xi^2 + x_\eta^2) + 2\alpha_{12}(x_\xi y_\xi + x_\eta y_\eta) + \alpha_{22}(y_\xi^2 + y_\eta^2)}{(x_\xi y_\eta - x_\eta y_\xi) \sqrt{1 + \sum_{p=1}^m (f_x^p)^2 + (f_y^p)^2}} d\xi d\eta \quad (10)$$

noting that it was proposed in [1]. Prof. Vladimir Liseikin has pointed out that (10) was proposed in [2]. I apologize to the readers for the incorrect reference.

References

- [1] B.N. Azarenok, S.A. Ivanenko, Application of adaptive grids in numerical analysis of time dependent problems in gas dynamics, *Comput. Maths. Math. Phys.* 40 (9) (2000) 1330–1349.
- [2] V.D. Liseikin, On generation of regular grids on n -dimensional surfaces, *USSR Comput. Maths. Math. Phys.* 31 (11) (1991) 47–57.

DOI of original article: [10.1016/j.jcp.2007.05.010](https://doi.org/10.1016/j.jcp.2007.05.010)

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