

Accepted Manuscript

A homotopy perturbation method for fractional-order advection-diffusion-reaction boundary-value problems

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PII: S0307-904X(17)30155-5
DOI: [10.1016/j.apm.2017.03.006](https://doi.org/10.1016/j.apm.2017.03.006)
Reference: APM 11647



To appear in: *Applied Mathematical Modelling*

Received date: 20 January 2016
Revised date: 1 February 2017
Accepted date: 6 March 2017

Please cite this article as: I. Ateş, P.A. Zegeling, A homotopy perturbation method for fractional-order advection-diffusion-reaction boundary-value problems, *Applied Mathematical Modelling* (2017), doi: [10.1016/j.apm.2017.03.006](https://doi.org/10.1016/j.apm.2017.03.006)

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Highlights

- HPM may not find the second solution in the situation of multiple solutions.
- A general expression is derived for the coefficients in the HPM series solution.
- The equivalence between HPM and ADM is proved.
- Spectral convergence of HPM has been shown by an example.

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