

Accepted Manuscript

High-order accurate finite volume scheme on curved boundaries for the two-dimensional steady-state convection-diffusion equation with Dirichlet condition

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PII: S0307-904X(17)30633-9
DOI: [10.1016/j.apm.2017.10.016](https://doi.org/10.1016/j.apm.2017.10.016)
Reference: APM 12017

To appear in: *Applied Mathematical Modelling*

Received date: 23 November 2016
Revised date: 10 October 2017
Accepted date: 11 October 2017

Please cite this article as: Ricardo Costa, Stéphane Clain, Raphaël Loubère, Gaspar J. Machado, High-order accurate finite volume scheme on curved boundaries for the two-dimensional steady-state convection-diffusion equation with Dirichlet condition, *Applied Mathematical Modelling* (2017), doi: [10.1016/j.apm.2017.10.016](https://doi.org/10.1016/j.apm.2017.10.016)

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Highlights

- Very high order finite volume scheme for curved geometries
- Reconstruction of Off-site Data to provide the optimal order with curved domain
- No curved element and complex mapping on reference element
- a set numerical experiences with non-trivial geometries to assess the method order

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