

## Accepted Manuscript

A 2D Parallel High-order Sliding/Deforming Spectral Difference Method

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PII: S0045-7930(16)30204-3  
DOI: [10.1016/j.compfluid.2016.06.019](https://doi.org/10.1016/j.compfluid.2016.06.019)  
Reference: CAF 3222



To appear in: *Computers and Fluids*

Received date: 1 December 2015  
Revised date: 21 April 2016  
Accepted date: 22 June 2016

Please cite this article as: Bin Zhang, Chunlei Liang, Jingjing Yang, A 2D Parallel High-order Sliding/Deforming Spectral Difference Method, *Computers and Fluids* (2016), doi: [10.1016/j.compfluid.2016.06.019](https://doi.org/10.1016/j.compfluid.2016.06.019)

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**Highlights**

- A new method is developed for flow problems on sliding/deforming meshes
- This method dramatically reduces mesh skewness due to rotating boundaries
- This method is high-order accurate for both inviscid and viscous flows
- This method is scalable for parallel computing
- This method is more accurate than deforming-only ALE method

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