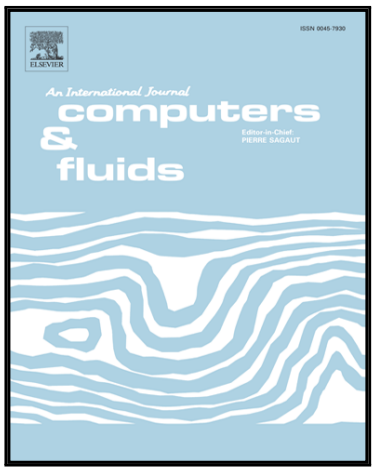
Accepted Manuscript



Deviation Analysis of Loosely Coupled Quasi-Static Method for Fluid-Thermal Interaction in Hypersonic Flows

Shaolong Guo , Yongliang Feng , Wen-Quan Tao

PII: S0045-7930(17)30097-X
DOI: 10.1016/j.compfluid.2017.03.017
Reference: CAF 3428

To appear in: *Computers and Fluids*

Received date: 21 October 2016
Revised date: 14 March 2017
Accepted date: 15 March 2017

Please cite this article as: Shaolong Guo , Yongliang Feng , Wen-Quan Tao , Deviation Analysis of Loosely Coupled Quasi-Static Method for Fluid-Thermal Interaction in Hypersonic Flows, *Computers and Fluids* (2017), doi: 10.1016/j.compfluid.2017.03.017

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

ACCEPTED MANUSCRIPT

Highlights

- Deviation formulas are derived for uncoupled and loosely coupled method.
- To verify the formulas, fluid-thermal coupling numerical simulations are conducted.
- The deviation formulas agree quite well with the numerical simulation.

ACCEPTED MANUSCRIPT

Download English Version:

https://daneshyari.com/en/article/5011892

Download Persian Version:

https://daneshyari.com/article/5011892

Daneshyari.com