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Introduction to Computational Fluid Dynamics

In 2015, an International Conference on Computational Heat Transfer (CHT-15) held at Rutgers University in New Jersey was dedicated to Professor Patankar Dr Patankar's widespread influence on research and engineering education has been recognized in many ways In 2007, the Editors of the International Journal of Heat and Mass Transfer wrote

Heat and Mass Transfer Effects in a Furnace-Based ...

The mass transfer of volatilized samples was studied using both an optically accessible furnace and computational fluid dynamics The standard sample cups used with these micro-pyrolyzers impede the escape of vapors The use of shallow perforated cups overcame this mass transfer limitation to lead to Introduction

4 International Conference on Computational Heat and Mass ...

International Conference on Computational Heat and Mass Transfer flows were characterized by a sudden burst of convection along the plate followed by an inexorable outward growth of the boundary layer The extension of the one-dimensional convection framework to include ambient stratification is a relatively recent development [2-5]

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