

SUpport to SAfety ANalysis of Hydrogen and Fuel Cell Technologies

Verification type	Methodology
Database reference	MET-10
Topic / Application	Manufactured Solutions Error Taxonomies
Physics	General
Summary	Clarification of terminology for V&V processes applied to CFD.
Description	Emphasis is given to rigorous code verification via systematic grid convergence using the method of manufactured solutions, and a simple method for uniform reporting of grid convergence studies using the Grid Convergence Index (GCI).
Case Title	Verification of Codes and Calculations
Authors	Patrick J. Roache
Year	1999
Online reference	AIAA JOURNAL Vol. 36, No. 5, May 1998
Case image	
Governing equations	
Results	