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	Altri autori (Persone)	RoeP. L
		HafezM. M
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	Nota di bibliografia	Includes bibliographical references.
	Nota di contenuto	Contents ; Dedication ; Contributions of Philip Roe
		; ""A One-Sided View:"" The Real Story ; 1
		Historic backdrop ; 2 A new passion: limericks ; 3 ""A One-Sided View"" ; 4 Getting it (not) published
		; 5 Epilogue ; 6 Post-script ; Collocated Upwind
		Schemes for Ideal MHD
		1 Introduction 2 Governing Equations ; 3
		Elements of Solution Scheme ; 4 Validation of Scheme ; 5 Results ; 6 Concluding Remarks
		; References ; The Penultimate Scheme for Systems of
		Conservation Laws: Finite Difference ENO with Marquina's Flux Splitting
		; 1 Introduction
		2 Background and Motivation 3 Model Equations
		and Discretizations ; 4 Spatial Discretization ; 5 Time Discretization
		; 6 The Finite Difference ENO Scheme ; 7
		Marquina's Flux Splitting ; 8 Examples ;
		9 Conclusions ; 10 Acknowledgements ;
		References

A Finite Element Based Level-Set Method for Multiphase Flows ; 2 The Navier-Stokes Equations 1 Introduction : 3 The Level-Set Method : 4 Numerical Integration of a Discontinuous Function ; 5 Numerical Simulations using the Level-Set Method ; 6 Alternative Methods ; References The GHOST Fluid Method for Viscous Flows ; 3 The GFM for 1 Introduction ; 2 Equations Inviscid Flow ; 4 Generalization of the Ghost Fluid ; 5 The Viscous Stress Tensor Method

; 6 Examples ; 7 Acknowledgements

References ; Factorizable Schemes for the Equations of Fluid

Flow

1 Introduction

Sommario/riassunto