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Titolo	Flow visualization [[electronic resource]] : techniques and examples / / editors, A.J. Smits, T.T. Lim
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Altri autori (Persone)	SmitsAlexander J LimT. T
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Lingua di pubblicazione	Inglese
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Nota di contenuto	1. Interpretation Of Flow Visualization -- 1.1. Introduction -- 1.2. Critical Points in Flow Patterns -- 1.3. Relationship between Streamlines, Pathlines, and Streaklines -- 1.4. Sectional Streamlines -- 1.5. Bifurcation Lines -- 1.6. Interpretation of Unsteady Flow Patterns with the Aid of Streaklines and Streamlines -- 1.7. Concluding Remarks -- 1.8. References -- 2. Hydrogen Bubble Visualization -- 2.1. Introduction -- 2.2. Hydrogen Bubble Generation System -- 2.2.1. Safety -- 2.3. Bubble Probes -- 2.4. Lighting -- 2.5. Unique Applications -- 2.6. References -- 3. Dye And Smoke Visualization -- 3.1. Introduction -- 3.2. Flow Visualization in Water -- 3.2.1. Conventional dye -- 3.2.2. Laundry brightener -- 3.2.3. Milk -- 3.2.4. Fluorescent dye -- 3.2.5. Methods of dye injection -- 3.2.6. Rheoscopic fluid -- 3.2.7. Electrolytic precipitation -- 3.3. Flow Visualization in Air -- 3.3.1. Smoke tunnel -- 3.3.2. Smoke generator -- 3.3.3. Smoke-wire technique -- 3.3.4. Titanium tetrachloride -- 3.4. Photographic Equipment and Techniques -- 3.4.1. Lighting -- 3.4.2. Camera -- 3.4.3. Lens -- 3.4.4. Film -- 3.5. Cautionary Notes -- 3.6. References -- 4. Molecular Tagging Velocimetry And Thermometry -- 4.1. Introduction -- 4.2. Properties of Photo-Sensitive Tracers -- 4.2.1. Photochromic dyes -- 4.2.2. Phosphorescent supramolecules -- 4.2.3. Caged dyes -- 4.3. Examples of Molecular Tagging

Measurements -- 4.3.1. Phosphorescent supramolecules -- 4.3.2. Caged dye tracers -- 4.4. Image Processing and Experimental Accuracy -- 4.4.1. Line processing techniques -- 4.4.2. Grid processing techniques -- 4.4.3. Ray tracing -- 4.4.4. Molecular tagging thermometry -- 4.5. References -- 5. Planar Imaging Of Gas Phase Flows -- 5.1. Introduction -- 5.2. Planar Laser-Induced Fluorescence -- 5.2.1. Velocity tracking by laser-induced fluorescence -- 5.3. Rayleigh Imaging from Molecules and Particles -- 5.4. Filtered Rayleigh Scattering -- 5.5. Planar Doppler Velocimetry -- 5.6. Summary -- 5.7. References -- 6. Digital Particle Image Velocimetry -- 6.1. Quantitative Flow Visualization -- 6.2. DPIV Experimental Setup -- 6.3. Particle Image Velocimetry: A Visual Presentation -- 6.4. Image Correlation -- 6.4.1. Peak finding -- 6.4.2. Computational implementation in frequency space -- 6.5. Video Imaging -- 6.6. Post Processing -- 6.6.1. Outlier removal -- 6.6.2. Differentiable flow properties -- 6.6.3. Integrable flow properties -- 6.7. Sources of Error -- 6.7.1. Uncertainty due to particle image density -- 6.7.2. Uncertainty due to velocity gradients within the interrogation windows -- 6.7.3. Uncertainty due to different particle size imaging -- 6.7.4. Effects of using different sizes of interrogation windows -- 6.7.5. Mean-bias error removal -- 6.8. DPIV Applications -- 6.8.1. Investigation of vortex ring formation -- 6.8.2. novel application for force prediction DPIV -- 6.8.3. DPIV and a CFD counterpart: Common ground -- 6.9. Conclusion -- 6.10. References -- 7. Surface Temperature Sensing With Thermochromic Liquid Crystals -- 7.1. Introduction -- 7.1.1. Properties of liquid crystals -- 7.1.2. Temperature calibration techniques -- 7.1.3. Convective heat transfer coefficient measurement techniques -- 7.2. Implementation -- 7.2.1. Sensing sheet preparation -- 7.2.2. Test surface illumination -- 7.2.3. Image capture and reduction -- 7.2.4. Calibration and measurement uncertainty -- 7.3. Examples -- 7.3.1. Turbine cascade -- 7.3.2. Turbulent spot and boundary layer -- 7.3.3. Turbulent juncture flow -- 7.3.4. Particle image thermography -- 7.4. References

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Autore	Despland Michel
Titolo	Bastide on religion : the invention of candomble / / Michel Despland
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ISBN	1-317-49060-6 1-315-71099-4 1-84553-365-8 1-317-49061-4 1-84553-735-1
Descrizione fisica	1 online resource (x, 147 pages) : digital, PDF file(s)
Collana	Key thinkers in the study of religion
Disciplina	306.6092
Soggetti	Religion Candomble Bahia (Brazil : State) Religious life and customs
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Livello bibliografico	Monografia
Note generali	Title from publisher's bibliographic system (viewed on 02 Oct 2015).
Nota di bibliografia	Includes bibliographical references (p. [107]-[136]) and index.
Nota di contenuto	An intellectual biography -- Breaking the glass and striking the rock -- Symbols, memory and anticipation : sociology from Durkheim to Gurvitch -- Civilizations neither meet nor clash, people do -- The three books on Afro-Brazilian religions -- The Paris career : the world of French ethnologists -- Leaving safe ground : acknowledging the fluidity of human interaction -- Candomble as paradigm for translocal religion -- O sagrado selvagem as corner stone of a theory of religion -- Study of religion and sociology of knowledge -- The aesthetic dimension, or the black hen lays white eggs.
Sommario/riassunto	Roger Bastide developed the theory of acculturation which provides a framework for understanding contact between different cultures and beliefs. Bastide on Religion offers a clear introduction to the life and work of this influential scholar. The volume focuses on Bastide's study of Afro-Brazilian religions, in particular his study of Candomble, a religion born from the contact between African and Brazilian cultures. The book outlines Bastide's work on acculturation, his concept of the

relationship between religion and culture, and his challenge to many dominant approaches to economic development.
