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Autore	Jimenéz, Juan Ramon
Titolo	La stagione totale con le Canzoni della nuova luce : 1923-1936 / a cura di Francesco Tentori Montalto
Pubbl/distr/stampa	Firenze : Vallecchi, 1973
Descrizione fisica	XXVIII, 287 p. ; 19 cm.
Collana	Gli oscar poesia
Altri autori (Persone)	Tentori Montalto, Francesco
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Livello bibliografico	Monografia
Note generali	Tit. orig.: La estacion total con las Canciones de la nueva luz (1923-1936) Testo orig. a fronte

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Autore	Nguyen Nam-Trung <1970->
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Collana	Micro & nano technologies
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Soggetti	Fluidic devices Microfluidics Microelectromechanical systems
Lingua di pubblicazione	Inglese
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Nota di contenuto	Front Cover; Micromixers: Fundamentals, Design and Fabrication; Copyright Page; Contents; Series Editor's Preface; Preface; Acknowledgments; Symbols; Chapter 1. Introduction; 1.1 Micromixers and Mixing in Microscale; 1.2 Micromixers as Microreactors; 1.3 Organization of the Book; References; Chapter 2. Fundamentals of Mass Transport in the Micro Scale; 2.1 Transport Phenomena; 2.2 Molecular Diffusion; 2.3 Taylor Dispersion; 2.4 Chaotic Advection; 2.5 Viscoelastic Effects; 2.6 Electrokinetic Effects; 2.7 Magnetic and Electromagnetic Effects; 2.8 Scaling Law and Fluid Flow in Micro Scale ReferencesChapter 3. Fabrication Technologies; 3.1 Silicon-Based Microtechnologies; 3.2 Polymeric Microtechnologies; 3.3 Metallic Microtechnologies; 3.4 Packaging; 3.5 Conclusions; References; Chapter 4. Micromixers Based on Molecular Diffusion; 4.1 Parallel Lamination; 4.2 Sequential Lamination; 4.3 Sequential Segmentation; 4.4 Segmentation Based on Injection; 4.5 Focusing of Mixing Streams; References; Chapter 5. Micromixers Based on Chaotic Advection; 5.1

Chaotic Advection at High Reynolds Numbers; 5.2 Chaotic Advection at Intermediate Reynolds Numbers
5.3 Chaotic Advection at Low Reynolds Numbers 5.4 Chaotic Advection in Multiphase Flow; References; Chapter 6. Active Micromixers; 6.1 Flow Instability in Microchannels; 6.2 Pressure-Driven Disturbance; 6.3 Electrohydrodynamic Disturbance; 6.4 Dielectrophoretic Disturbance; 6.5 Electrokinetic Disturbance; 6.6 Magnetohydrodynamic Disturbance; 6.7 Acoustic Disturbance; 6.8 Thermal Disturbance; References; Chapter 7. Characterization Techniques; 7.1 Imaging Techniques; 7.2 Measurement Using Optical Microscopy; 7.3 Quantification Methods for Micromixers; References
Chapter 8. Application of Micromixers 8.1 Chemical Industry; 8.2 Applications in Chemical and Biochemical Analysis; 8.3 Outlook; References; Index

Sommario/riassunto

A wide range of applications in chemistry and biochemistry are driving the rapid development of microfluidics. This book focuses its attention on an important subtopic of microfluidics; mixing in microscale. It provides the fundamentals of transport effects in microscale including molecular diffusion, convection, and chaotic advection. The science and technology of microfluidics cover a wide spectrum and the science of mixing in microscale has evolved from reports on fabricated devices to an extensive collection of established knowledge. The focal point of *Micromixers: Fundamentals, D*

3. Record Nr.	UNISA996668468303316
Autore	Cristea Alexandra I
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Collana	Lecture Notes in Artificial Intelligence, , 2945-9141 ; ; 15881
Altri autori (Persone)	WalkerErin LuYu SantosOlga C IsotaniSeiji
Disciplina	006.3
Soggetti	Artificial intelligence Database management Data mining User interfaces (Computer systems) Human-computer interaction Education - Data processing Application software Artificial Intelligence Database Management Data Mining and Knowledge Discovery User Interfaces and Human Computer Interaction Computers and Education Computer and Information Systems Applications
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	This six-volume set LNAI 15877-15882 constitutes the refereed proceedings of the 26th International Conference on Artificial Intelligence in Education, AIED 2025, held in Palermo, Italy, during July 22–26, 2025. The 130 full papers and 129 short papers presented in

this book were carefully reviewed and selected from 711 submissions. The conference program comprises seven thematic tracks: Track 1: AIED Architectures and Tools Track 2: Machine Learning and Generative AI: Emphasising datadriven Track 3: Learning, Teaching, and Pedagogy Track 4: Human-Centred Design and Design-Based Research Track 5: Teaching AI Track 6: Ethics, Equity, and AIED in Society Track 7: Theoretical Aspects of AIED and AI-Based Modelling for Education.
