

1. Record Nr.	UNINA9910793619003321
Autore	Galkowski Jeffrey
Titolo	Distribution of resonances in scattering by thin barriers // Jeffrey Galkowski
Pubbl/distr/stampa	Providence, Rhode Island : , : American Mathematical Society, , [2019] ©2019
ISBN	1-4704-5251-0
Descrizione fisica	1 online resource (ix, 152 pages) : illustrations
Collana	Memoirs of the American Mathematical Society ; ; Volume 259, Number 1248
Disciplina	515.724
Soggetti	Scattering (Mathematics)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"May 2019, volume 259, number 1248 (fifth of 8 numbers)."
Nota di bibliografia	Includes bibliographical references (pages 149-152).
Sommario/riassunto	The author studies high energy resonances for the operators $-\Delta_{\partial\Omega,\delta} := -\Delta_{\partial\Omega} \otimes \delta_{\partial\Omega} \otimes \delta_{\partial\Omega}$ $\quad \text{and} \quad -\Delta'_{\partial\Omega,\delta} := -\Delta_{\partial\Omega} \otimes \delta_{\partial\Omega} \otimes \nu_{\partial\Omega}$ where $\Omega \subset \mathbb{R}^d$ is strictly convex with smooth boundary, $V: L^2(\partial\Omega) \rightarrow L^2(\partial\Omega)$ may depend on frequency, and $\delta_{\partial\Omega}$ is the surface measure on $\partial\Omega$.

2. Record Nr.	UNINA9911054590303321
Autore	Badnjevic Almir
Titolo	Biomedical Instrumentation : Concepts, Technologies, and Future Innovations // by Almir Badnjevi, Lemana Spahi, Tamer Bego, Sara Deumi
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2026
ISBN	3-032-10978-7
Edizione	[1st ed. 2026.]
Descrizione fisica	1 online resource (485 pages)
Collana	Series in BioEngineering, , 2196-887X
Disciplina	610.28
Soggetti	Biomedical engineering Medical ethics Biomedical Engineering and Bioengineering Biomedical Devices and Instrumentation Medical Ethics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction to biomedical instrumentation -- Medical Devices and Instrumentation -- Clinical Engineering and Healthcare Technology Management -- Laboratory Devices. Review Practice Problems and Future Directions.
Sommario/riassunto	This textbook offers a structured and in-depth exploration of biomedical instrumentation, bridging theoretical principles with real-world applications. It provides an overview about the historical evolution of biomedical engineering, illustrating how the field has developed through scientific discovery, technological innovation, and translational applications in medicine. The book focuses on medical devices in healthcare institutions, exploring their components, technical characteristics, clinical applications, regulatory considerations, and emerging trends such as miniaturization, smart devices, and AI integration. Designed primarily for students and researchers, the book also serves as a valuable resource for professionals in biomedical engineering, clinical engineering, and healthcare technology management. A wealth of practical examples, case studies, and multiple choice questions make this book a valuable

read for students and professionals working in this field.
