

1. Record Nr.	UNINA9910137626103321
Titolo	Education and ethics in the life sciences : strengthening the prohibition of biological weapons // edited by Brian Rappert
Pubbl/distr/stampa	Acton, A.C.T. : , : ANU E Press, , [2010] ©2010
ISBN	1-921666-39-0 1-921666-38-2
Descrizione fisica	1 online resource (240 p.)
Collana	Practical ethics and public policy ; ; number 1
Disciplina	327.1745
Soggetti	Bioethics Biological arms control - Verification Biosecurity Communicable diseases - Prevention
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Chapter 6: Bioethics and Biosecurity Education in China: Rise of a Scientific Superpower. Michael Barr and Joy Yueyue Zhang Chapter 7: Raising Awareness among Australian Life Scientists. Christian Enemark; Chapter 8: Bringing Biosecurity-related Concepts into the Curriculum: A US View. Nancy Connell Brendan Mccluskey; PART 3. THE WAYS FORWARD; Chapter 9: Implementing and Measuring the Efficacy of Biosecurity and Dual-use Education. James Revill and Giulio Mancini Chapter 10: Biosecurity Awareness-raising and Education for Life Scientists: What Should be Done Now? Simon Whitby and Malcolm Dando Chapter 11: Teaching Ethics to Science Students: Challenges and a Strategy. Jane Johnson; Conclusion: Lessons for Moving Ahead. Louise Brian Rappert Louise Bezuidenhout

2. Record Nr.	UNINA9910785105703321
Autore	Dobrowolski Janusz
Titolo	Microwave network design using the scattering matrix // Janusz A. Dobrowolski
Pubbl/distr/stampa	Boston : , : Artech House, , ©2010 [Piscataqay, New Jersey] : , : IEEE Xplore, , [2010]
ISBN	1-60807-130-8
Descrizione fisica	1 online resource (286 p.)
Collana	Artech House microwave library
Disciplina	621.3813
Soggetti	S-matrix theory Scattering (Physics) Microwave circuits
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	1. Introduction -- 2. Theory of uniform waveguides -- 3. Theory of transmission lines -- 4. Wave variables and the scattering matrix -- 5. Signal analysis of multiport networks -- 6. Mode wave variables and mixed mode scattering matrix of differential networks -- 7. Noise wave variables and the scattering matrix -- 8. Noise analysis of multiport networks -- 9. Scattering functions in nonlinear modeling of microwave devices.
Sommario/riassunto	This authoritative resource provides you with comprehensive and detailed coverage of the wave approach to microwave network characterization, analysis, and design using scattering parameters. For the first time in any book, all aspects and approaches to wave variables and the scattering matrix are explored. The book compares and contrasts voltage waves, travelling waves, pseudo waves, and power waves, and explains the differences between real scattering parameters, pseudo scattering parameters, and power scattering parameters. You find important discussions on standard scattering matrices and wave quantities, mixed mode wave variables, and noise wave variables with noise wave correlation matrices. Moreover, the book presents clear methods for standard single ended multiport network design and noise analysis. This in-depth reference is packed

with over 1,100 equations and numerous illustrations.

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