

1. Record Nr.	UNINA9910463857203321
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Titolo	Understanding physics and physical chemistry using formal graphs // by Eric Vieil
Pubbl/distr/stampa	Boca Raton, FL : , : CRC Press, an imprint of Taylor and Francis, , 2012
ISBN	0-429-14865-8 1-4200-8613-8
Edizione	[First edition.]
Descrizione fisica	1 online resource (795 p.)
Disciplina	530
Soggetti	Physics - Graphic methods Chemistry, Physical and theoretical Algebra - Graphic methods Graph theory Electronic books.
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	Front Cover; Contents; Acknowledgments; Presentation; Author; Icons Used in This Book; Companion CD; Website on Formal Graphs; Chapter 1: Introduction; Chapter 2: Nodes of Graphs; Chapter 3: Links and Organization; Chapter 4: Poles; Chapter 5: Space Distributed Poles; Chapter 6: Dipoles; Chapter 7: Influence between Poles; Chapter 8: Multipoles; Chapter 9: Dipole Assemblies; Chapter 10: Transfers; Chapter 11: Assemblies and Dissipation; Chapter 12: Coupling between Energy Varieties; Chapter 13: Multiple Couplings; Chapter 14: Conclusion and Perspectives; Appendix 1: Glossary Appendix 2: Symbols and Constants Appendix 3: Formal Graph Encoding; Appendix 4: List of Examples and Case Studies; Appendix 5: CD-Rom Content; References
Sommario/riassunto	The subject of this book is truly original. By encoding of algebraic equations into graphs—originally a purely pedagogical technique—the exploration of physics and physical chemistry reveals common pictures through all disciplines. The hidden structure of the scientific formalism that appears is a source of astonishment and provides efficient simplifications of the representation of physical laws.

