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| 1. Record Nr. | UNINA9910594196903321 |
| Autore | Wilson, H. Hubert |
| Titolo | Pressure group : the campaign for commercial television / by H. H. Wilson |
| Pubbl/distr/stampa | London, : Secker & Warburg, 1961 |
| Descrizione fisica | 232 p. ; 21 cm |
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| Lingua di pubblicazione | Inglese |
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| 2. Record Nr. | UNINA9910777834103321 |
| Autore | Klein Ursula <1952-> |
| Titolo | Materials in eighteenth-century science : a historical ontology // Ursula Klein and Wolfgang Lefevre |
| Pubbl/distr/stampa | Cambridge, Mass., : MIT Press, ©2007 |
| ISBN | 1-282-09730-X 9786612097300 0-262-27726-3 1-4294-6563-8 |
| Descrizione fisica | 1 online resource (357 p.) |
| Collana | Transformations |
| Altri autori (Persone) | LefevreWolfgang <1941-> |
| Disciplina | 540.9/033 |
| Soggetti | Chemistry - History - 18th century Ontology - History - 18th century Classification of sciences |
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| Livello bibliografico | Monografia |
| Note generali | Description based upon print version of record. |
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Nota di contenuto

List of Figures; Introduction; Part I - Materials in Eighteenth-Century Science Contexts and Practices; Introduction to Part I; 1 - Commodities and Natural Objects; 2 - Practices of Studying Materials in Eighteenth-Century Chemistry; 3 - Why Study Classification?; Part II - A World of Pure Chemical Substances; Introduction to Part II; 4 - 1787: A New Nomenclature; 5-The Tableau de la Nomenclature Chimique; 6 - Classifying According to Chemical Composition; 7 - Simple Substances and Paradigmatic Syntheses; 8 - Operations with Pure Chemical Substances

9 - Classification of Pure Chemical Substances before 1787 10 - A Revolutionary Table?; Part III - A Different World: Plant Materials; Introduction to Part III; 11 - Diverse Orders of Plant Materials; 12 - Ultimate Principles of Plants: Plant Analysis prior to 1750; 13 - The Epistemic Elevation of Vegetable Commodities; 14 - The Failure of Lavoisier's Plant Chemistry; 15 - Uncertainties; 16 - A Novel Mode of Classifying Organic Substances and an Ontological Shift around 1830; Conclusion: Multidimensional Objects and Materiality; References; Name Index; Subject Index

Sommario/riassunto

A history of raw materials and chemical substances from the late seventeenth to the early nineteenth centuries that scrutinizes the modes of identification and classification used by chemists and learned practitioners of the period, examining the ways in which their practices and understanding of the material objects changed. In the eighteenth century, chemistry was the science of materials. Chemists treated mundane raw materials and chemical substances as multidimensional objects of inquiry that could be investigated in both practical and theoretical contexts--as useful commodities, perceptible objects of nature, and entities with hidden and imperceptible features. In this history of materials, Ursula Klein and Wolfgang Lefevre link chemical science with chemical technology, challenging our current understandings of objects in the history of science and the distinction between scientific and technological objects. They further show that chemists' experimental production and understanding of materials changed over time, first in the decades around 1700 and then around 1830, when mundane materials became clearly distinguished from true chemical substances. The authors approach their subject by scrutinizing the modes of identification and classification used by chemists and learned practitioners of the period. They find that chemists' classificatory practices especially were strikingly diverse. In scientific investigations, materials were classified either according to chemical composition or according to provenance and perceptible qualities. The authors further argue that chemists did not live in different worlds of materials before and after the Lavoisierian chemical revolution of the late eighteenth century. Their two main studies first explore the long tradition that informed Lavoisier's new nomenclature and method of classifying pure chemical substances and then describe the continuing classification of plant materials according to a pre-Lavoisierian scheme of provenance and perceptible qualities even after the chemical revolution, until a new mode of classification was accepted in the 1830s.

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| 3. Record Nr. | UNINA9910228460203321 |
| Titolo | Additive manufacturing |
| Pubbl/distr/stampa | Amsterdam : , : Elsevier B.V., , [2014]- |
| ISSN | 2214-7810 |
| Descrizione fisica | 1 online resource |
| Soggetti | Three-dimensional printing Manufacturing processes - Automation Materials - Technological innovations Periodicals. |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Periodico |
| Note generali | Refereed/Peer-reviewed "Affiliated with America Makes, the National Additive Manufacturing Innovation Institute"--Elsevier.com, viewed December 17, 2014. |