1. Record Nr. UNINA9910703778803321

Titolo	Banking and currency : report (to accompany H.R. 7837)
Pubbl/distr/stampa	[Washington, D.C.] : , : [U.S. Government Printing Office], , [1913]
Descrizione fisica	1 online resource (3 volumes)
Collana	Rept. / 63d Congress, 1st session, Senate ; ; 133
Soggetti	Banks and banking - United States Currency question - United States Banking law - United States Federal Reserve banks Legislative materials.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from pt. 1 title screen (viewed on May 5, 2015). "Views"--Pts. 2-3. "November 22, 1913." Publication pre-dates Federal Depository Library Program (FDLP) item numbers. No FDLP item number has been assigned.

2. Record Nr. UNINA9910437810503321

Titolo	Calorimetry and thermal methods in catalysis / / Aline Auroux, editor
Pubbl/distr/stampa	Heidelberg [Germany] : , : Springer, , 2013
ISBN	3-642-11954-9
Edizione	[1st ed. 2013.]
Descrizione fisica	1 online resource (xvi, 561 pages) : illustrations (some color)
Collana	Springer Series in Materials Science, , 0933-033X ; ; 154
Disciplina	541.395
Soggetti	Catalysis Calorimetry
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"ISSN: 0933-033X."
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Fundamentals in adsorption at the solid-gas interface -- Concepts and thermodynamics -- Thermal analysis and calorimetry techniques for catalysis investigations -- Couplings -- Characterization of catalysts by adsorption calorimetry -- Temperature programmed desorption (TPD) methods -- Temperature programmed reduction / oxidation (TPR/TPO) methods -- Calorimetry at solid-liquid interface -- Other applications and case studies.
Sommario/riassunto	The book is about calorimetry and thermal analysis methods, alone or linked to other techniques, as applied to the characterization of catalysts, supports and adsorbents, and to the study of catalytic reactions in various domains: air and wastewater treatment, clean and renewable energies, refining of hydrocarbons, green chemistry, hydrogen production and storage. The book is intended to fill the gap between the basic thermodynamic and kinetics concepts acquired by students during their academic formation, and the use of experimental techniques such as thermal analysis and calorimetry to answer practical questions. Moreover, it supplies insights into the various thermal and calorimetric methods which can be employed in studies aimed at characterizing the physico-chemical properties of solid adsorbents, supports and catalysts, and the processes related to the adsorption desorption phenomena of the reactants and/or products of catalytic reactions. The book also covers the basic concepts for physico-chemical comprehension of the relevant phenomena.

Thermodynamic and kinetic aspects of the catalytic reactions can be fruitfully investigated by means of thermal analysis and calorimetric methods, in order to better understand the sequence of the elemental steps in the catalysed reaction. So the fundamental theory behind the various thermal analysis and calorimetric techniques and methods also are illustrated.