

1. Record Nr.	UNINA9910830492703321
Autore	Broekaert J. A. C. <1948->
Titolo	Analytical atomic spectrometry with flames and plasmas / / Jose A. C. Broekaert
Pubbl/distr/stampa	Weinheim, Germany ; ; Chichester, England : , : Wiley-VCH, , [2005] ©2005
ISBN	1-280-52112-0 9786610521128 3-527-60665-3 3-527-60677-7
Edizione	[Second edition.]
Descrizione fisica	1 online resource (428 p.)
Disciplina	543.52
Soggetti	Atomic spectroscopy Flame spectroscopy Plasma spectroscopy
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Previous ed.: 2002.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Analytical Atomic Spectrometry with Flames and Plasmas; Contents; Preface; Introduction; 1 Basic Principles; 1.1 Atomic structure; 1.2 Plasmas; 1.3 Emission and absorption of radiation; 1.4 Ionization; 1.5 Dissociation; 1.6 Sources for atomic spectrometry; 1.7 Analytical atomic spectrometry; 2 Spectrometric Instrumentation; 2.1 Figures of merit of an analytical method; 2.2 Optical spectrometers; 2.2.1 Optical systems; 2.2.2 Radiation detectors; 2.2.3 Miniaturized spectrometers; 2.2.4 Non-dispersive spectrometers; 2.3 Mass spectrometers; 2.3.1 Types of mass spectrometers; 2.3.2 Ion detection 2.3.3 Ion extraction2.3.4 Ion optics and transmission; 2.4 Data acquisition and treatment; 2.5 Traceability; 3 Sample Introduction Devices; 3.1 Sample introduction by pneumatic nebulization; 3.2 Ultrasonic nebulization; 3.3 Hydride and other volatile species generation; 3.4 Electrothermal vaporization; 3.4.1 The volatilization process; 3.4.2 Types of electrothermal devices; 3.4.3 Temperature programming; 3.4.4 Analytical performance; 3.5 Direct solids sampling; 3.5.1 Thermal methods; 3.5.2 Slurry atomization; 3.5.3 Arc and spark

ablation; 3.5.4 Laser ablation; 3.6 Cathodic sputtering
 4 Atomic Absorption Spectrometry 4.1 Principles; 4.2 Atomic absorption spectrometers; 4.2.1 Spectrometers; 4.2.2 Primary radiation sources; 4.3 Flame atomic absorption; 4.3.1 Flames and burners; 4.3.2 Nebulizers; 4.3.3 Figures of merit; 4.4 Electrothermal atomic absorption; 4.4.1 Atomizers; 4.4.2 Thermochemistry; 4.4.3 Figures of merit; 4.5 Special techniques; 4.5.1 Hydride and cold-vapor techniques; 4.5.2 Direct solids sampling; 4.5.3 Indirect determinations; 4.5.4 Flow injection analysis; 4.5.5 Diode laser atomic absorption spectrometry; 4.6 Background correction procedures 4.6.1 Correction for background absorption with the deuterium lamp technique 4.6.2 Background correction with the aid of the Zeeman effect; 4.6.3 Smith-Hieftje technique; 4.6.4 Coherent forward scattering; 4.7 Fields of application; 4.8 Outlook; 5 Optical Emission Spectrometry; 5.1 Principles; 5.2 Atomic emission spectrometers; 5.3 Flame emission; 5.4 Arcs and sparks; 5.4.1 Arc emission spectrometry; 5.4.1.1 Arc characteristics; 5.4.1.2 DC arc spectrometry; 5.4.1.3 AC arc spectrometry; 5.4.2 Spark emission spectrometry; 5.4.2.1 Sparks; 5.4.2.2 Analytical features; 5.5 Plasma source OES 5.5.1 DC plasma-jet OES 5.5.1.1 Types of plasma jets; 5.5.1.2 Three-electrode plasma jet; 5.5.2 Inductively coupled plasma OES; 5.5.2.1 The inductively coupled plasma; 5.5.2.2 Instrumentation; 5.5.2.3 Analytical performance; 5.5.2.4 Applications; 5.5.3 Low-power high-frequency plasmas; 5.5.4 Microwave plasmas; 5.6 Glow discharge OES; 5.6.1 Hollow cathodes for OES; 5.6.2 Furnace emission spectrometry; 5.6.3 DC glow discharges with a flat cathode; 5.6.4 RF glow discharges; 5.6.5 New developments; 5.7 Laser sources; 6 Plasma Mass Spectrometry; 6.1 ICP mass spectrometry; 6.1.1 Instrumentation 6.1.2 Analytical features

Sommario/riassunto

This completely revised second edition of the standard work has been expanded by some twenty percent to include more information on the latest developments and new apparatus. In particular, sections have been added on microplasmas and new types of spectrometers, while that on the rapidly expanding field of speciations with practical examples from life and environmental sciences have been included. Still in one handy volume, the book covers all the important modern aspects of atomic fluorescence, emission and absorption spectroscopy as well as plasma mass spectroscopy in a readily compre

2. Record Nr.	UNIORUON00399959
Autore	LOJA, Jnis
Titolo	Russko-latyškij slovar' = Krievu-Latviešu vrdnca okolo 40000 slov / sostavil Ja. V. Loja
Pubbl/distr/stampa	Moskva, : Gosudarstvennoe Izdatel'stvo Inostrannyh i Nacional'nych Slovarej, 1951
Descrizione fisica	870 p. ; 20 cm
Disciplina	491.739193
Soggetti	LINGUA RUSSA - DIZIONARI LETTONI
Lingua di pubblicazione	Latvian Russo
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Front. anche in lettone.

3. Record Nr.	UNINA9910220028103321
Autore	Cox Whitney
Titolo	Modes of philology in medieval South India / / by Whitney Cox
Pubbl/distr/stampa	Brill, 2016 Leiden ; ; Boston : , : Brill, , [2017]
ISBN	9789004332331 9004332332
Edizione	[First edition.]
Descrizione fisica	1 online resource (xii, 196 pages) : 2 illustrations
Collana	Philological encounters monographs ; ; v. 1
Disciplina	491/.1
Soggetti	Philology, Modern - Research - India, South Manuscripts, Sanskrit - India, South - History Discourse analysis, Literary - India, South Language and languages - Study and teaching - India, South Sanskrit language - History and criticism Literature and society - India - History Discourse analysis, Literary Language and languages - Study and teaching Literature and society Manuscripts, Sanskrit Philology, Modern - Research Sanskrit language Criticism, interpretation, etc. History India South India
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Front Matter -- Introduction: Towards a History of Indic Philology -- Textual Pasts and Futures -- Bearing the Nyaveda: radtanaya's Bhvaprakana -- Vekaantha and the Limits of Philological Argument -- Flowers of Language: Mahevarnanda's Mahrthamañjar -- Conclusions: Philology as Politics, Philology as Science --

Sommario/riassunto

Philology was everywhere and nowhere in classical South Asia. While its civilizations possessed remarkably sophisticated tools and methods of textual analysis, interpretation, and transmission, they lacked any sense of a common disciplinary or intellectual project uniting these; indeed they lacked a word for 'philology' altogether. Arguing that such pseudepigraphical genres as the Sanskrit puras and tantras incorporated modes of philological reading and writing, Cox demonstrates the ways in which the production of these works in turn motivated the invention of new kinds of strict scholarship. Combining close textual analysis with wider theoretical concerns, Cox traces this philological transformation in the works of the dramaturgist Radtanaya, the celebrated Vaiava poet-theologian Vekaantha, and the maverick aiva mystic Mahevarnanda.
