Record Nr. UNINA9910453022903321 Handbook on automated essay evaluation: current applications and **Titolo** new directions / / edited by Mark D. Shermis, Jill Burstein Pubbl/distr/stampa New York:,: Routledge,, 2013 **ISBN** 0-203-12276-3 1-299-48100-0 1-136-33480-7 Descrizione fisica 1 online resource (385 p.) Altri autori (Persone) BursteinJill ShermisMark D. <1953-> Disciplina 371.27/2 Soggetti Grading and marking (Students) - Data processing Educational tests and measurements - Data processing Report writing - Study and teaching - Evaluation 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 and index. Cover; Half Title; Title Page; Copyright Page; Table of Contents; Nota di contenuto Foreword; Preface; About the Editors; List of Contributors; 1 Introduction to Automated Essay Evaluation; 2 Automated Essay Evaluation and the Teaching of Writing: 3 English as a Second Language Writing and Automated Essay Evaluation; 4 The E-rater® Automated Essay Scoring System; 5 Implementation and Applications of the Intelligent Essay Assessor; 6 The IntelliMetricTM Automated Essay Scoring Engine - A Review and an Application to Chinese Essay Scoring; 7 Applications of Automated Essay Evaluation in West Virginia 8 LightSIDE: Open Source Machine Learning for Text9 Automated Short Answer Scoring: Principles and Prospects; 10 Probable Cause: Developing Warrants for Automated Scoring of Essays; 11 Validity and Reliability of Automated Essay Scoring; 12 Scaling and Norming for Automated Essay Scoring; 13 Human Ratings and Automated Essay Evaluation: 14 Using Automated Scoring to Monitor Reader Performance

and Detect Reader Drift in Essay Scoring; 15 Grammatical Error Detection in Automatic Essay Scoring and Feedback; 16 Automated

Evaluation of Discourse Coherence Quality in Essay Writing
17 Automated Sentiment Analysis for Essay Evaluation18 Covering the
Construct: An Approach to Automated Essay Scoring Motivated by a
Socio-Cognitive Framework for Defining Literacy Skills; 19 Contrasting
State-of-the-Art Automated Scoring of Essays; 20 The Policy Turn in
Current Education Reform: The Common Core State Standards and Its
Linguistic Challenges and Opportunities; Index

Sommario/riassunto

This comprehensive, interdisciplinary handbook reviews the latest methods and technologies used in automated essay evaluation (AEE) methods and technologies. Highlights include the latest in the evaluation of performance-based writing assessments and recent advances in the teaching of writing, language testing, cognitive psychology, and computational linguistics. This greatly expanded follow-up to Automated Essay Scoring reflects the numerous advances that have taken place in the field since 2003 including automated essay scoring and diagnostic feedback. Each chapter features a commo