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Autore	Phakiti Aek
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Descrizione fisica	1 online resource (381 p.)
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Machine generated contents note: -- Preface -- Acknowledgments -- 1. Introduction and Overview -- 2. Experimental Research Basics -- 3. Experimental Research Paradigms and Processes -- 4. Experimental Research Designs -- 5. Validity in Experimental Research -- 6. Ethical Consideration in Experimental Research -- 7. Quantitative Research Instruments and Techniques -- 8. A Hybrid Approach for Experimental Research -- 9. Introduction to Descriptive Statistics -- 10. Introduction to Inferential Statistics -- 11. Correlational Analysis -- 12. Reliability and Reliability Analysis -- 13. Paired-Samples and Independent-Samples t-tests for Experimental Research -- 14. Analyses of Variance (ANOVA) -- 15. Non-parametric Versions of T-tests and ANOVAs -- 16. Experimental Research ProposalsGlossary of Key Terms in Language Learning Research -- Bibliography -- Index.
Sommario/riassunto	"Language learning research aims to describe and fully explain how and why language learning takes place, but can fall short of its stated purpose. Systematic, rigorous research is needed if the growing field of language learning is to progress methodically. This book demonstrates and fully explains such a methodology. Given that research in language acquisition yields practical pedagogical implications, it is crucial that it is rigorous and accurate. This book offers a quantitative research

methodology that relies on statistical analysis in order to make inferences and conclusions about language learning. Experimental research aims to understand differences between or within groups of learners under manipulated environments. It requires strict control of conditions, enabling interpretations with a low factor of error. Aek Phakiti provides step-by-step guidelines and underlying principles, epistemology and methodology, in a book that is essential for advanced students of language acquisition and language and education."--Bloomsbury Publishing.

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