Contents

Editorial	Approaches to Competence Measurement in Higher Education Sigrid Blömeke, Jan-Eric Gustafsson, and Richard J. Shavelson	1
Review Article	Beyond Dichotomies: Competence Viewed as a Continuum Sigrid Blömeke, Jan-Eric Gustafsson, and Richard J. Shavelson	3
Original Articles	Validating Test Score Interpretations by Cross-National Comparison: Comparing the Results of Students From Japan and Germany on an American Test of Economic Knowledge in Higher Education Manuel Förster, Olga Zlatkin-Troitschanskaia, Sebastian Brückner, Roland Happ, Ronald K. Hambleton, William B. Walstad, Tadayoshi Asano, and Michio Yamaoka Modeling the Competencies of Prospective Business and Economics Teachers: Professional Knowledge in Accounting Kathleen Schnick-Vollmer, Stefanie Berger, Franziska Bouley, Sabine Fritsch, Bernhard Schmitz, Jürgen Seifried, and Eveline Wuttke	14
	The Relationship of Mathematical Competence and Mathematics Anxiety: An Application of Latent State-Trait Theory Lars Jenßen, Simone Dunekacke, Michael Eid, and Sigrid Blömeke Assessment of Mathematical Competencies and Epistemic Cognition of Preservice Teachers	31
	Benjamin Rott, Timo Leuders, and Elmar Stahl Scientific Reasoning in Higher Education: Constructing and Evaluating the Criterion-Related Validity of an Assessment of Preservice Science Teachers' Competencies Stefan Hartmann, Annette Upmeier zu Belzen, Dirk Krüger, and Hans Anand Pant	39 47
	Assessing Professional Vision in Teacher Candidates: Approaches to Validating the Observer Extended Research Tool Kathleen Stürmer and Tina Seidel	54
Opinion	Gaining Substantial New Insights Into University Students' Self-Regulated Learning Competencies: How Can We Succeed? Barbara Schober, Julia Klug, Gregor Jöstl, Christiane Spiel, Markus Dresel, Gabriele Steuer, Bernhard Schmitz, and Albert Ziegler	64
Call for Papers	"Neural Plasticity in Rehabilitation and Psychotherapy – New Perspectives and Findings": A Topical Issue of the Zeitschrift für Psychologie Guest Editors: Wolfgang H. R. Miltner and Otto W. Witte	66