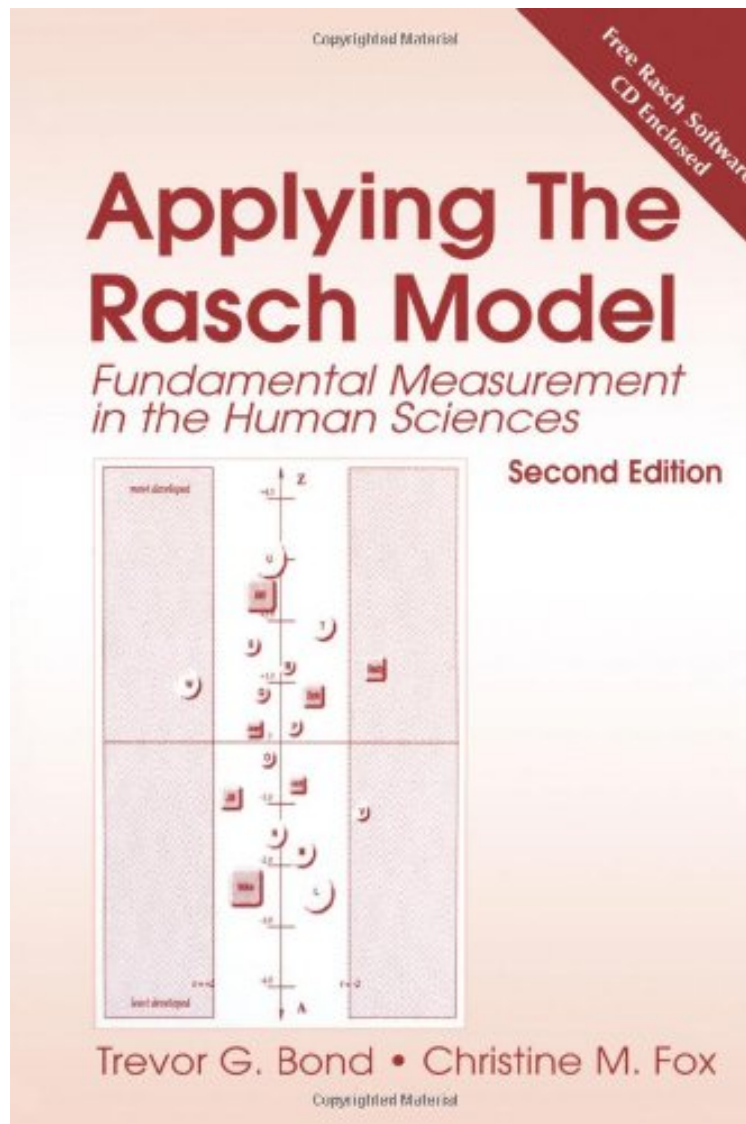


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# Applying the Rasch Model: Fundamental Measurement in the Human Sciences, Second Edition

*Trevor Bond, Christine M. Fox, Trevor G. Bond*  
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Written in an accessible style, this book facilitates a deep understanding of the Rasch model. Authors Bond and Fox review the crucial properties of the Rasch model and demonstrate its use with a wide range of examples including the measurement of educational achievement, human development, attitudes, and medical rehabilitation. A glossary and numerous illustrations further aid the reader's understanding. The authors demonstrate how to apply Rasch analysis and prepare readers to perform their own analyses and interpret the results. Updated throughout, highlights of the Second Edition include: a new CD that features an introductory version of the latest Winsteps program and the data files for the books examples, preprogrammed to run using Winsteps; a new chapter on invariance that highlights the parallels between physical and human science measurement; a new appendix on analyzing data to help those new to Rasch analysis; more explanation of the key concepts and item characteristic curves; a new empirical example with data sets demonstrates the many facets of the Rasch model and other new examples; and an increased focus on issues related to unidimensionality, multidimensionality, and the Rasch factor analysis of residuals. Applying the Rasch Model is intended for researchers and practitioners in psychology, especially developmental psychologists, education, health care, medical rehabilitation, business, government, and those interested in measuring attitude, ability, and/or performance. The book is an excellent text for use in courses on advanced research methods, measurement, or quantitative analysis. Significant knowledge of statistics is not required.

"A very clearly written book...I would recommend Bond Fox to students and colleagues who have absolutely no knowledge of Rasch measurement."Randall Penfield, Ph.D.University of Florida "... it's the best book available for introducing IRT to novices ... My students have gained a good grasp of the what and why of Rasch from reading the book."Kathy E. Green, Ph.D.University of Denver "The first edition is an excellent teaching tool, and I think the revised version will be even better."George Engelhard, Ph.D.Emory UniversityAbout the AuthorTrevor G. Bond is the head of the Department of Educational Psychology, Counseling and Learning Needs at the Hong Kong Institute of Education. A prominent figure in the world of Rasch measurement, he is a regular keynote speaker on applying measurement in education and Rasch workshops around the world. Christine M. Fox is an Associate Professor at the University of Toledo where she teaches a variety of educational research and statistics courses. She received her Ph.D. in Evaluation and Measurement from Kent State University.