

CONTENTS

<i>Preface</i>	vii
1. Introduction	1
1.1 The Total Survey Error Approach	2
1.2 Roadmap of the Book	5
1.3 The Purpose and Scope of the Book	9
2. Sampling and Coverage Issues for Web Surveys	11
2.1 Types of Web Surveys and the Use of Probability Sampling	11
2.2 Coverage Issues for Web Surveys	18
2.3 Statistical Corrections for Coverage and Sampling Bias	23
2.4 Summary	34
3. Nonresponse in Web Surveys	36
3.1 Defining Nonresponse and Nonresponse Error in Web Surveys	37
3.2 Nonresponse Error in Web Surveys	38
3.3 Response and Participation Rates in Web Surveys	40
3.4 Factors Affecting Participation in Web Surveys	43
3.5 Nonresponse in Mixed-Mode Surveys	48
3.6 Factors Affecting Breakoffs in Web Surveys	51
3.7 Item Nonresponse in Web Surveys	53
3.8 Summary	55
4. Introduction to Measurement and Design in Web Surveys	57
4.1 Measurement Error in Web Surveys	58
4.2 Measurement Features of Web Surveys	59
4.3 Choice of Broad Design Approaches	61
4.4 The Look and Feel of the Web Survey	62
4.5 Navigation Conventions	68
4.6 Choice of Response Formats	69
4.7 Grid or Matrix Questions	72
4.8 Summary	76

5. The Web as a Visual Medium	77
5.1 Interpreting Visual Features of Web Questionnaires	77
5.2 The Impact of Images	88
5.3 The Concept of Visibility	93
5.4 Summary	98
6. Interactive Features and Measurement Error	99
6.1 Dimensions of Interactivity	100
6.2 Responsive, Machine-Like Features	101
6.2.1 Progress Indicators	102
6.2.2 Running Tallies	110
6.2.3 Visual Analog Scales	111
6.2.4 Interactive Grids	113
6.2.5 Online Definitions	115
6.3 Human-Like Interactive Features	119
6.4 Summary	126
7. Measurement Error on the Web and in Other Modes of Data Collection	129
7.1 Conceptual Schemes for Understanding Mode Effects	129
7.2 Web Surveys as a Method of Self-Administration	132
7.3 Web Surveys and Cognitive Burden	146
7.4 Summary	149
8. Summary and Conclusions	151
8.1 Non-Observation Errors in Web Surveys	151
8.2 Observation Errors	158
8.3 A Model for Mode Effects	162
8.4 Recommendations for Web Surveys	168
8.5 The Future of Web Surveys	171
<i>References</i>	173
<i>Author Index</i>	189
<i>Subject Index</i>	195