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Autore	Alaba Fadele Ayotunde
Titolo	Fundamentals of Qualitative Research // by Fadele Ayotunde Alaba, Uhuegho Kole Osaretin, Alvaro Rocha
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Descrizione fisica	1 online resource (350 pages)
Collana	Studies in Systems, Decision and Control, , 2198-4190 ; ; 663
Disciplina	006.3
Soggetti	Computational intelligence Telecommunication Engineering - Data processing Computational Intelligence Communications Engineering, Networks Data Engineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction to the Key Features of Qualitative Research -- Observational Data Collection for Qualitative Research -- Qualitative Research Measurements Classifications -- Qualitative Research Data Preparation and Cleaning Process -- Conclusion and Future Research.
Sommario/riassunto	This book is to provide readers with a clear and comprehensive understanding of research methodologies, with particular emphasis on the application of qualitative research. It aims to bridge the gap between theory and practice by offering conceptual explanations alongside practical illustrations. The scope extends to students, early-career researchers, and practitioners who require methodological knowledge to design, conduct, and interpret studies effectively. By addressing foundational concepts as well as contemporary applications, the book ensures that readers develop both technical skills and critical thinking abilities essential for research in education, health, and social sciences. Structure of the Book The book is organised in a logical sequence to guide readers from fundamental principles to advanced applications. It begins with an introduction to the philosophy of research, followed by chapters on qualitative, quantitative, and mixed-

methods designs. Subsequent sections address data collection techniques, sampling strategies, ethical considerations, and statistical tools. Each chapter is designed to balance theoretical discussion with real-world case studies, ensuring accessibility for novices while still providing depth for more experienced readers. This structure allows for progressive learning while enabling selective reading based on individual research needs.

Significance of Qualitative Research

Qualitative research is significant because it offers systematic, objective, and replicable ways to investigate phenomena. Through numerical analysis, researchers can measure variables, test hypotheses, and establish relationships among constructs. This approach enhances the precision and generalisability of findings, making it indispensable in fields that demand evidence-based decision-making, such as healthcare, education, business, and public policy. Qualitative research not only supports predictive modelling but also enables comparisons across contexts and populations. Its significance lies in its ability to transform abstract concepts into measurable indicators, thereby advancing scientific knowledge and practical interventions.
