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Fundamental Concepts and Theories

This section serves as a foundation for this exhaustive reference tool by addressing underlying principles essential to the understanding of Research Methods. Chapters found within these pages provide an excellent framework in which to position Research Methods within the field of information science and technology. Insight regarding the critical incorporation of global measures into Research Methods is addressed, while crucial stumbling blocks of this field are explored. With 12 chapters comprising this foundational section, the reader can learn and chose from a compendium of expert research on the elemental theories underscoring the Research Methods discipline.

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This section highlights research potential within the field of Research Methods while exploring uncharted areas of study for the advancement of the discipline. Introducing this section are chapters that set the stage for future research directions and topical suggestions for continued debate, centering on the new venues and forums for discussion. A pair of chapters on space-time makes up the middle of the section of the final 5 chapters, and the book concludes with a look ahead into the future of the Research Methods field, with “Power Electronics and Controls in Solar Photovoltaic Systems.” In all, this text will serve as a vital resource to practitioners and academics interested in the best practices and applications of the burgeoning field of Research Methods.

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