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Summary by Chapter and Cross-Cutting Theme (Book Appendix)

Chapter	Cross-Cutting Themes		
	Integrated approaches to mixed methods research	Mixed methods grounded theory (MM-GTM)	Complexity & Dissonance
Chapter 1 : DEFINITIONS <i>Establishing Language and Purpose</i>	<p>Integrated research uses strategies that intentionally promote interdependence between their sources of data, methods, or approaches.</p> <p>The most effective way to become an integrated researcher is to be competent in more than one qualitative and quantitative research method.</p>	<p>Conventional perspectives maintain the independence of the stands and the view the purpose MM-GTM to build theory with qualitative procedures and to test it with quantitative ones.</p> <p>In MM-GTM, the constant comparative method can be applied to quantitative, qualitative, and mixed data.</p>	<p>A dynamic design is needed to adapt to rapidly changing research environments, unexpected results, and to negotiate different perspectives team members bring to research initiatives.</p> <p>A process that is deliberate about engaging the dissonance and paradox that is introduced by abduction is the lynchpin that reaches across mixed methods,</p>

	<p>Fully integrated mixed methods grounded theory (FIMM-GT) uses grounded theory procedures with both qualitative and quantitative data and integrates them in substantive ways throughout the research process to produce and sometimes test a theoretical framework.</p> <p>Integration generally serves multiple purposes in this type of study.</p>		<p>grounded theory, and complexity.</p>
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<p>Chapter 2: VARIETY</p> <p><i>Varied Approaches to Using Mixed Methods with Theoretical Frameworks</i></p>	<p>Conceptualizing a problem and research questions in a multi-dimensional way is a foundation for thinking theoretically and advances an integrated approach to mixed methods.</p> <p>Launching a project with a conceptual framework developed during the process of consulting a cross-disciplinary body of literature facilitates integration across research phases.</p>	<p>It is possible to sustain an inductive/exploratory drive in a study that is framed by a theoretical framework from the literature at the onset.</p> <p>MM-GTM has informed research in a wide variety of different ways. It is its adaptability and variety that sustains its continued usefulness.</p>	<p>A theoretical framework can provide an explanation for unexpected findings.</p> <p>An expectation for plurality and dialectical exchange is built into the design of a MM-GTM-participatory action research.</p>

		<p>MM-GTM has been paired with a variety of other qualitative research approaches, including participatory action research.</p>	
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<p>Chapter 3: PROCESS</p> <p><i>Mixed Methods and the Process of Theorizing</i></p>	<p>A narrative or visualization that integrates qualitative and quantitative data can be used as the basis for a case-based analysis.</p> <p>Fully integrated mixed methods grounded theory (FIMM-GT) embeds both qualitative and quantitative data in basic grounded theory procedures like theoretical coding, diagramming, analytical</p>	<p>The inductive and exploratory component in MM-GTM means that new insight with theoretical implications can emerge even in a study with a purpose to test an existing theory or hypothesis.</p> <p>The constant comparative method is not simply an inductive analytical approach,</p>	<p>Dissonance between findings from different methods or evidence of gaps that they suggest can introduce an unexpected element to the analysis that produces explanatory inferences or theoretical propositions.</p>

	memoing, theoretical sampling, and saturation.	but one that also engages deduction and abduction.	Theoretical sampling can be directed by unexpected findings.
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<p>Chapter 4: VISUAL DISPLAYS</p> <p><i>Advancing Theoretical Reasoning with Visualizations</i></p>	<p>While integrative and joint displays play a critical role during reporting, they can also play an instrumental role in advancing analytical and theoretical insight.</p> <p>In some fully integrated mixed method (FIMMR) designs, the qualitative and quantitative phases may be difficult to dis-entangle, while in other cases, the phases are quite distinct. FIMMR designs can</p>	<p>Visual displays have the potential to generate theoretical insight by helping a researcher envision patterns and relationships among constructs.</p> <p>Data generated from timelines, concept maps, matrices, and mapping exercises that combine multiple sources of data can</p>	<p>Joint and integrative displays can reveal diverse perspectives and expose dissonance between findings from different analytical methods.</p>

	<p>be executed in a concurrent or sequential manner.</p> <p>A visual display can be used to structure data collection that simultaneously collects qualitative and quantitative data.</p>	<p>be used as the basis of case-based analysis and facilitate cross-case comparison.</p>	
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<p>Chapter 5: DISSONANCE</p> <p><i>Leveraging Dissonance for Theoretical and Analytical Insight</i></p>	<p>A study can be designed to explore divergence, including between theoretical perspectives previously considered in the literature, but more often dissonance is encountered unexpectedly.</p>	<p>The credibility of findings can be warranted through different types of joint displays.</p>	<p>Integrating data from different analytical procedures for a case-based analysis is one tool to investigate dissonant data and to weigh the level of support for theoretical propositions.</p>

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<p>Chapter 6</p> <p>REPORTING</p> <p><i>Highlighting Quality in Reporting</i></p>	<p>Qualitative and quantitative findings can be integrated in a composite theoretical model.</p>	<p>Mixed methods and grounded theory share several key epistemological assumptions.</p> <p>MM-GTM is an advanced design that is often executed in more than two phases.</p> <p>There is huge variety in the way that MM-GTM studies have been accomplished.</p>	