Record Nr. UNINA9910483106803321 Advancing information systems theories: rationale and processes // **Titolo** Nik Rushdi Hassan, Leslie P. Willcocks, editors Pubbl/distr/stampa Cham, Switzerland:,: Palgrave Macmillan,, [2021] ©2021 **ISBN** 3-030-64884-2 Descrizione fisica 1 online resource (xx, 452 pages): illustrations Collana Technology, work and globalization 658.4038 Disciplina Information technology - Research - Methodology Soggetti Information technology - Philosophy Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di bibliografia Includes bibliographical references and index. Intro -- Contents -- Notes on Contributors -- List of Figures -- List of Nota di contenuto

Tables -- 1: Introduction: Why Theory? (Mis)Understanding the Context and Rationale -- Prelude -- What Is Theory? -- Theory from the IS Field -- Theory from the Management Field -- Theory from the Social Sciences -- A Novel View of Theory -- Ten Semantic Forms of Theory (What Theory Means) -- The Need for Theories -- Intimations of What Is to Come -- Conclusion -- References -- 2: Theoretical, Empirical, and Artefactual Contributions in Information Systems Research: Implications Implied\* -- Introduction -- Research Actors and Practices -- Contributions and Implications -- Contributions -- Research Implications -- Conclusion -- References -- 3: Theoretical Diversity in IS Research: A Causal Structure Framework\* -- Introduction -- Three Core Aspects of Causality -- Dimension I: Causal Ontology -- Position I.A: Directional Association -- Philosophical or Social Theoretic Foundations -- An Example from IS Research Literature -- Position I.B: Causal Mechanism -- Philosophical or Social Theoretic Foundations --An Example from IS Research Literature -- Position I.C: Constitutive Causality -- Philosophical or Social Theoretic Foundations -- Examples from IS Research Literature -- Additional Observations about Causal Ontology Positions -- Dimension II: Causal Trajectory -- Position II.A: Cross-Boundary Change -- Philosophical or Social Theoretic Foundations -- Examples from IS Research Literature -- Position II.B:

Indwelling Change -- Philosophical or Social Theoretic Foundations --An Example from IS Research Literature -- Position II.C: Evolving Interlinkage -- Philosophical or Social Theoretic Foundations -- An Example from IS Research Literature -- Additional Observations about Causal Trajectory Positions -- Dimension III: Causal Autonomy --Position III.A: Human Sovereignty. Philosophical or Social Theoretic Foundations -- Examples from IS Research Literature -- Position III.B: Technology Autonomy --Philosophical or Social Theoretic Foundations -- Examples from IS Research Literature -- Position III.C: Relational Synergy -- Philosophical or Social Theoretic Foundations -- An Example from IS Research Literature -- Additional Observations about Causal Autonomy Positions -- Discussion -- Promoting Theoretical Diversity -- Using the Framework for Synthesis, Theory Building, and Research Design --Synthesis -- Theory building -- Research Design -- Conclusion --References -- 4: Theory Building: Neither an Art nor a Science, But a Craft\* -- Introduction -- Model of the Theory-Building Process --Iteration 1: Activities-Read, Reflect, Write-Ion: Erudition -- Iteration 2: Activities-Read, Reflect, Write- Ion: Motivation -- Iteration 3: Activities-Read, Reflect, Write-Ion: Definition -- Iteration 4: Activities-Research, Read. Reflect. Write-Ion: Imagination -- Iteration 5: Activities-Respite. Read, Reflect, Write-Ions: Explanation and Presentation -- Iteration 6: Activities-Review, Renounce, Revise, Read, Reflect, Write-Ion: Contribution -- Did We Say Cohesion? -- Concluding Remarks --References -- 5: The Process of Information Systems Theorizing as a Discursive Practice\* -- Introduction -- The Context of Discovery -- A Framework for Foundational and Generative Discursive Practices -- Foundational Theorizing Practices -- Forming the Discourse --Problematizing the IS Phenomenon -- Leverage Paradigms -- Bridging Non-Discursive Practices -- Generative Theorizing Practices --Analogizing -- Metaphorizing -- Mythologizing -- Modelling and Constructing the Framework -- Towards General Principles for Theorizing -- Starting in the Context of Discovery -- Deriving Inspiration from Other Theories -- Connecting to Other Discourses. Evaluating Success in Theorizing -- Conclusion -- References -- 6: Theorizing Digital Experience: Four Aspects of the Infomaterial --Introduction -- Infomateriality -- Understanding Digital Events --Grover's Four Aspects in the UDE Data -- Discussion -- Conclusion --References -- 7: Design Science Theorizing: The Contribution of Practical Theory -- Introduction -- Design Science Cases and Theorizing -- Design Inquiry and Theorizing -- Practical Theory --A Case Example -- Selection of Introductory Theory Tools -- The Emergence of an Adapted Practical Theory -- Formalization of a Contributed Theory -- Practical Theory in Design Inquiries --Process Theory vs. Domain theory -- General Roles of Practical Theory in Design Inquiry -- Practical Theories Used in Different Phases of Situational Design Inquiry -- Selection and Development of Practical Theory in Design Science Studies -- The Multi-functional and Cumulative Character of Practical Theory in a Community of Practice -- Conclusion -- References -- 8: Pathways to IT-Rich Recontextualized Modifying of Borrowed Theories: Illustrations from IS Strategy\* -- Introduction -- IT-Rich Recontextualized Modifying of Borrowed Theories: A Framework -- Specification -- Distinction --Specification and Distinction in Construct Recontextualization --Specification and Distinction in Relationship Rejustification --Conclusion -- References -- 9: Pluralist Theory Building: A Methodology for Generalizing from Data to Theory\* -- Introduction -- Experiential Background -- Theoretical Foundation --

Generalization: Between Description and Theory -- Pluralism: Between Single and Multiple Perspectives -- Proposed Methodology --Illustration and Guidelines -- Create Perspective Accounts --Synthesize Multiperspective Account -- Create Theory Fragments --Synthesize Pluralist Theory -- Discussion -- Appendix -- References. 10: Revitalizing Thoughts on Theory, Theorizing, and Philosophizing in Information Systems -- Introduction -- The Purpose of This Chapter -- What Is a Theory? -- Information Systems Theories -- Theoretical Implications as Increments of IS Theories -- What Is Theorizing? --Theorizing in Reference Disciplines to IS -- Philosophizing and Kernel Philosophies -- Philosophizing: Doing Philosophy -- Philosophizing in IS -- Introducing Kernel Philosophies -- DSR and Kernel Theories --A Rationale for Kernel Philosophies -- Towards a Conceptualization of Spaces for Actualizing IS Theories -- The Space of Inquiry -- The Space of Theory -- The Space of Actualization -- Concluding Remarks -- References -- 11: Reviving the Individual in Information Systems Theorizing -- Introduction -- Dialectics and Praxis -- The communal infrastructure -- The Dialectics Between Biomechanical and Communal Factors -- Joint Actions -- An illustration -- Communalization -- The Theory of Functional Systems -- The Dialectical Approach-A Summary -- The Dialectics Between Information, IT and IS -- Information -- The IT Artifact -- The Information System -- Communalization of an IT Artifact in Practice -- The History -- Analysis -- Communalization --The Activity Modalities -- Advancing IS theory -- Communication --Elaboration -- Information -- Elaboration -- The IT artifact and the IS -- Elaboration -- Digitalization -- Elaboration -- Sociomateriality --Materiality -- Inseparability -- Relationality -- Performativity and Practices -- The IS Discipline -- Elaboration -- Conclusion --References -- Index.