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Nota di contenuto	Coalgebraic CTL: Fixpoint Characterization and Polynomial-time Model Checking -- A Categorical Approach to Coalgebraic Fixpoint Logic -- Preorder-Constrained Simulations for Program Refinement with Effects -- Automata and Coalgebras in Categories of Species -- Automata in W-Toposes, and General Myhill-Nerode Theorems -- Graded Semantics and Graded Logics for Eilenberg-Moore Coalgebras -- Explicit Hopcroft’s Trick in Categorical Partition Refinement -- Proving Behavioural Apartness -- A Compositional Approach to Petri Nets -- Correspondence between Composite Theories and Distributive Laws.
Sommario/riassunto	This book constitutes the post-conference proceedings of the 17th International Workshop on Coalgebraic Methods in Computer Science, CMCS 2024, colocated with ETAPS 2024, held in Luxembourg in April 2024. The 10 papers included in these proceedings were carefully reviewed and selected from 15 submissions. The papers cover a wide

range of topics on theory, logics, and applications of coalgebras.