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"This book offers a dedicated overview of multiferroic materials, which are defined as single phase materials possessing at least two ferroic or antiferroic simultaneously. It summarizes the major advances in the last decade along with the fundamentals underlying various multiferroic systems. It begins with an introduction to foundational studies followed by chapters devoted to phenomena unique to the main classes: type-I, type-II, and composite multiferroic materials. Next, the chapters address theoretical approaches: phenomenological, first principles calculations, and symmetry analysis. Finally, the book turns to practical applications and emerging studies"--