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Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Layered compounds in the In <sub>2</sub> O <sub>3</sub> -Ga <sub>2</sub> O <sub>3</sub> -ZnO system and related compounds in the ternary system -- Systematic view of crystalline CAAC-IGZO and other crystalline IGZO thin films -- Fundamental properties of IGZO -- CAAC-IGZO field-effect transistor -- Device application using CAAC-IGZO.