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Collana	Lecture Notes in Control and Information Sciences, , 1610-7411 ; ; 480
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Nota di contenuto	Ccompartmental Switched Systems -- Markovian Jump Systems -- Boolean Networks -- Positive Delay Systems.
Sommario/riassunto	This book presents high-quality original contributions on positive systems, including those with positivity in compartmental switched systems, Markovian jump systems, Boolean networks, interval observer design, fault detection, and delay systems. It comprises a selection of the best papers from POSTA 2018, the 6th International Conference on Positive Systems, which was held in Hangzhou, China, in August 2018. The POSTA conference series represents a targeted response to the growing need for research that reports on and critically discusses a wide range of topics concerning the theory and applications of positive systems. The book offers valuable insights for researchers in applied mathematics, control theory and their applications.