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Sommario/riassunto	The number of transistors in integrated circuits doubles every two years, as stipulated by Moore's law, and this has been the driving force for the huge development of the microelectronics industry in the past 50 years - currently advanced to the nanometric scale. This e-book is dedicated to electronic noises and parasites, accounting for issues involving substrate coupling and interconnections, in the perspective of the 3D integration: a second track for enhancing integration, also compatible with Moore's law. This reference explains the modeling of 3D circuits without delving into the latest