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Sommario/riassunto	Complex Systems Engineering: Theory and Practice represents state-of-the-art thought leadership on system complexity for aerospace and aviation, where breakthrough paradigms and strategies are sorely needed. The costs and consequences of current knowledge and practice gaps are substantial. In short, this problem is caused by several factors: the lack of human capacity to comprehend complexity without machine/autonomation interfaces, the rapid pace of changes in the sector, and the increasing complexity and complicatedness of systems of all types and sizes (occurring by design and by default).