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Sommario/riassunto

"Inventing isn't easy! After identifying and presenting the 12 ""valleys of death"", the real obstacles limiting the transition from an original idea to an innovative one, including the notion of socially responsible research, Knowledge Production Modes between Science and Applications 2 applies the concepts introduced in Volume 1. The book starts off with 3D printing, which has essentially broken through all barriers by offering remarkable advantages over existing mechanical technology. The situation is different for 4D printing and bio-printing. First of all, we need to tackle the complexity inherent in these processes, and move away from disciplinarity to find robust, applicable solutions, despite the obstacles. This is possible in niche areas, but currently, low profitability still limits their general applicability and the willingness of researchers to embrace interdisciplinary convergence....".