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Sommario/riassunto	This compendium gives a comprehensive overview of the advances in fibrillation-defibrillation knowledge - recognition of fibrillation as a unique life threatening cardiac arrhythmia; discovery of the electric discharge in its double role of culprit and savior; and technological improved contributions. The book stands on the well-known philosophy of Education-Based on Problems (or EBP), that is, take fibrillation as a medical daily problem and search for that knowledge, technique or principle. The book is interdisciplinary, multidisciplinary and transdisciplinary. It addresses undergraduate and