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Sommario/riassunto	"Electroencephalogram (EEG) signal processing is concerned with the development and application of advanced digital signal processing algorithms for analysis, quantification, separation, and classification of the impact of various brain abnormalities on the EEGs. Any medical or neurological condition that affects brain function will alter the EEG. Brain abnormalities introduce various rhythmic or arrhythmic effects on the signals. Moreover, most of the abnormalities in the human body directly or indirectly affect the brain and consequently change the EEG signals. Processing of biosignals using newly developed techniques have become a strong field of research and digital signal processing concepts have become part of the core training in biomedical engineering"--