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# ОСНОВИ РЕЄСТРАЦІЇ ТА АНАЛІЗУ БІОСИГНАЛІВ



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The present state of registration, processing and analysis of biosignals from various organs and systems of a person are proposed in the textbook. The biosignals of the cardiovascular system, the brain, the digestive system, the organs of vision, hearing, respiration, and musculoskeletal system are considered. Briefly summarizes the basics of anatomy of human organs, the biosignals of which are considered. Recommended for students, scientists, engineers and doctors - specialists in the field of development and use of equipment for functional diagnostics in medicine, for learning disciplines: «General Human Anatomy, Physiology and Pathology», «Methods of Biomedical Research», «Methods of Biomedical Signal Processing», «Methods of Biomedical Data Processing», «Artificial Organs and Systems»«Diagnostic and Therapeutic Devices», «Measuring Transducers», «Design of Devices on Microcontrollers and FPGAs».

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