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WAVELETS ANALYSIS OF CARDIOLOGICAL SIGNALS

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ABSTRACT

The paper presents the introductory results of the application of wavelets to analysis of chosen cardiological signals which were acquired from healthy people to examine the functional capacity after a big physical effort. The paper considers cardiological signals which together with ECG are taken into account while estimating the patient condition. For this signals the wavelet analysis was performed. The first results are promising and indicate wavelets as the interesting tool in analysis of cardiological systems. The main aim of this research is improving the medical diagnosis of the patient with heart diseases.

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