
МАТЕРИАЛЫ КОНФЕРЕНЦИИ
И ШКОЛЫ

**THE HEART RHYTHM OF THE GIANT AFRICAN SNAIL ACHATINA FULICA
OF DIFFERENT AGES WHEN FEEDING**

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The aim of this work is to evaluate the heart rate and its changes during the performance of certain functions, for example, during feeding. As a working hypothesis, it has been suggested that heart rate variability may have age-specific features (embryos, young snails, adult and mature individuals). To solve these problems, the heart rate was compared in animals during development from the embryo in the egg, after hatching, and in adult ani-

mals of different weights. As well as changes in heart rate depending on the age and size of the animals during feeding. The data obtained using modern non-invasive registration methods were analyzed and evaluated using modern adequate mathematical methods for estimation of the results. We used the wavelet decompositions of the generalized Haar spaces (see Dem'yanovich et al., 2017; 2020).