Resonance Effect in Dynamic of the Baroreceptor.

(Poster)

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(joint work with Prof. Dr. Franz Kappel)

Abstract

The best known nervous mechanism for control of arterial pressure is
the baroreceptor loop. To simulate some fundamental regulation processes
mathematical model is used which approximate the short-term behaviour
of the baroreceptor. This model is applies in the dynamic features of the
human system. The goal of our work is to see the resonance effect in the
dynamic of baroreceptor.

MSC2010: 92B99, 34A30.

Keywords: Arterial Pressure, Short-term control, Baroreceptor.

Section: Application of the Mathematics in the Sciences.

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