

Abstract Submitted
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Mathematical Models for Living Forms in Medical Physics¹

CHRISTINA POSPISIL, University of Massachusetts Boston — This part of the project continues the talk and poster presentation from the APS March Meeting 2019 Conference and the APS April Meeting 2019 Conference. The second part of the project focuses on the mathematical model of information entering the body system through the outer tooth layer (the Enamel), traveling through the Enamel layer (modeled as seismic wave) to the liquid filled tubules of the Dentin layer. At the final part of the tubules the information (modeled as water wave) is translated into electrical information by the odontoblasts and then directly transmitted to the tooth nerve.

¹I fund the project currently on my own

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