

## SECOND-SOUND WAVES IN CRYOCRYSTALS

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### S u m m a r y

The self-coordinated values of parameters of cryocrystals of orthodeuterium, parahydrogen, and neon (temperature, isotope concentrations, and the sizes of samples), which define the range of second-sound waves existence, are found. The limiting isotope concentrations, below which the propagation of second-sound waves is possible, are established. The sizes of samples, starting from which their increase does not essentially influence the damping of second-sound waves are found. The results are presented in three-dimensional plots.