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## Calculation of parameters of vibration mixing metal composites of copper-gallium

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### Abstract

The problem of determining the parameters of the vibratory effect on the mixture of powder copper and gallium liquid at room temperature, to ensure the wetting of the particles forming the copper gallium and gallium copper paste was regarded. The prognostic contact angle dependence of the amplitude, frequency and number of cycles of vibration, which allows to determine the necessary duration of forming a paste was built.