

Название публикации:

Generalization of the formula for the complete evaporation time of single atmospheric aerosol drops by operator methods for two drops of arbitrary radii

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Аннотация:

The process of evaporation in diffusion mode is considered by using linear operators approach for two interacting aerosol drops of arbitrary radii. The formula for the complete evaporation time of single aerosol drops is generalized for two drops of arbitrary radii for arbitrary distances between them. The results of calculations using these formulas, as well as approximate engineering formulas are presented. © 2018 SPIE.

Ключевые слова:

Diffusion modes, Evaporation time, Linear operators, Operator method