
Estimating approximate mathematical models for finding the parameters of the dissolution process

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The article delves into the problem of underground salt dissolution. We employed the basic approaches: the problem with the boundary conditions at the border of the dilution chamber, analytical method, a semi-empirical method. All of the above approaches refer to the processes occurring under isothermal conditions.

Keywords: *dissolution, mathematical modeling, boundary value problems, parameters of dissolution, the boundary layer.*

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