

Design of the Experiment for Research into the Process of Block Products Synthesis on the Basis Nanoperiodical Silicate and Alumosilicate Materials

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Abstract: The paper proposes the approach to the construction of planning matrix for the experimental research into the process of synthesis of block products with high porous cellular macrostructure on the basis nanoperiodical silicates and alumosilicates; the approach is based on D. Finney's method. The planning matrix is presented in the form of fractional factorial experiment for eight factors, each of which accepts four levels of values.

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