

DEVIATION OF N-H-BOUND IN MOLECULE
NH₃

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S u m m a r y

The analytic expressions allowing one to determine the force matrix of molecular groups AB₃ with the symmetry C_{3v} in the gaseous and condensed states are offered. In the approximation of simple harmonic motions without use of the suppositions about a character of the field of force, the force matrix (12×12) is calculated for molecule NH₃. A deviation of the N-H-bound is defined which equals 2,4°.