

## The generalized force constants of $\text{NF}_3$ and $\text{ONF}_3$ molecules in $X_\delta^0$ coordinates

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### Abstract

Within the framework of the approach B3LYP6-311++G(3df,3pd) the force field of  $\text{NF}_3$  and  $\text{ONF}_3$  molecules in coordinates  $X_\delta^0$  for the first time is obtained. Frequencies of normal vibrations were calculated. Comparison of the obtained generalized force constants with those of molecules was carried out.