

Molecular freedom degrees = f

@wikipedia

A type of [molecule](#) motion which accumulates the energy.

Table summary for [Molecular freedom degrees](#) of N-atomic molecules:

	Monatomic	Linear molecules	Non-linear molecules
Translation (x, y, and z)	3	3	3
Rotation (x, y, and z)	0	2	3
Vibration	0	$3N - 5$	$3N - 6$
Total	3	$3N$	$3N$

See also

[Natural Science](#) / [Physics](#) / [Molecular Physics](#)