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Introduction Our treatment of vibrational spectroscopy, molecular orbital theory, and electronic spectroscopy will make extensive use of molecular symmetry. One can reasonably ask, "Why is symmetry so important when the vast majority of molecules have no symmetry at all?" While it is true that most molecules considered in their entirety don't possess any symmetry, many moleeules do have local symmetry.

Harris d., bertolucci m. symmetry and spectroscopy 1978

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