

Coriolis coupling constants of cis and trans-1,2-dichloroethylene

Aroca, Ricardo

Anacona, Juan

Clavijo, Ernesto

Coriolis coupling constants and the inertia defect for cis- and trans-1,2-dichloroethylene have been calculated, using force constants obtained by the iterative consistency method. The results obtained are compared with those of previous workers and it is shown that two sets of force constants which reproduce the vibrational frequencies satisfactorily lead to completely different values for the Coriolis coupling constants. © 1975.