

Mean Amplitudes of Vibration of the Tetrafluorophosphate, PF_4^- , Anion

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Mean amplitudes of vibration of the pseudo-trigonal bipyramidal PF_4^- anion have been calculated from vibrational spectroscopic data in the temperature range between 0 and 1000 K. The results are briefly discussed in relation to the structural peculiarities of the anion and some comparisons with related species are made.

Key words: Tetrafluorophosphate; Mean Amplitudes of Vibration; Bond Properties.