Supplementary material for sn5045

Influence of variation of b on correlations r_{oi} versus $|\Phi_i|$

To study this influence, three data sets of $[\mathbf{LX}_n]$ polyhedra have been selected: $[\mathrm{Sn}^{II}\mathrm{O}_n]$ with good, $[\mathrm{As}^{III}\mathrm{O}_n]$ with moderate and $[\mathrm{Tl}^{I}\mathrm{S}_n]$ with poor fit of \mathbf{r}_{oi} values (calculated with $\mathbf{b} = 0.37$ Å) *versus* $|\mathbf{\Phi}_i|$. For each of these data sets, the mean value of \mathbf{r}_{oi} and its standard deviation were calculated as a function of b. Subsequently, the correlation coefficients R and R² were calculated for $\mathbf{r}_{oi} = \mathbf{E} |\mathbf{\Phi}_i| + \mathbf{F}$ for the given b value. In each diagram, the mean value and standard deviation (as error bar) of \mathbf{r}_{oi} and the R, R² values are plotted against b.









