

1.9. ATOMIC DISPLACEMENT PARAMETERS

densities (see e.g. Smith *et al.*, 1977). A number of examples of displacement deformation densities of high symmetry are shown in Fig. 1.9.4.1 as three-dimensional contour maps.

1.9.5. Glossary

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|-------------------------------|------------------------------------|
| $b^{ijk\dots}$ | atomic displacement tensor |
| β^{ij} , $U^{ijk\dots}$ | atomic displacement parameter |
| g_{ij} | metric tensor |
| S_{α} | atomic static Debye–Waller factor |
| T_{α} | atomic thermal Debye–Waller factor |
| \mathbf{Q} | scattering vector |
| u^i | atomic displacement |

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