

Fig. M22-001. $\text{Na}_3\text{Sc}_2(\text{PO}_4)_3$. Schematic distribution of vacancies in the structure of phase III of α -type crystal [86Col]. Small full circle: occupied Na(2) position. Open rectangle: vacant Na(2) site. Big full circle: Na(1) position. Only two Na(1) are represented in order to make the definition of Na(2) triplets clear, which correspond to three Na(2) positions within the same basal plane. See also Fig. M22-002.

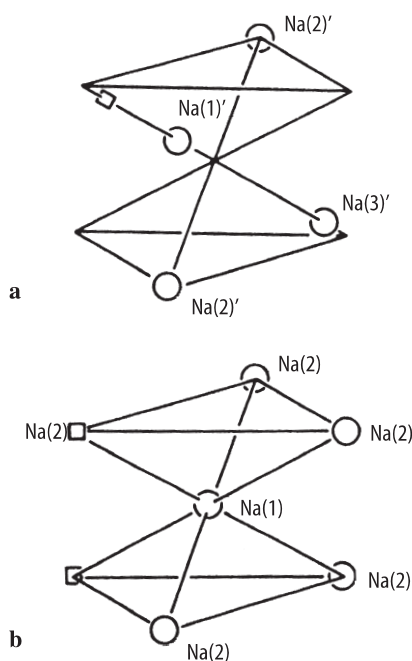


Fig. M22-002. $\text{Na}_3\text{Sc}_2(\text{PO}_4)_3$. Two Na(2) triplets related to the same Na(1) [86Col]. Open circle: Na occupied position. Open square: Na vacant site. (a) α -type structure with strong displacements of Na ions; 1.5 Å for Na(1)' and 0.5 Å for Na(3)'. (b) average β - and γ -type lattices. See also Fig. M22-001.