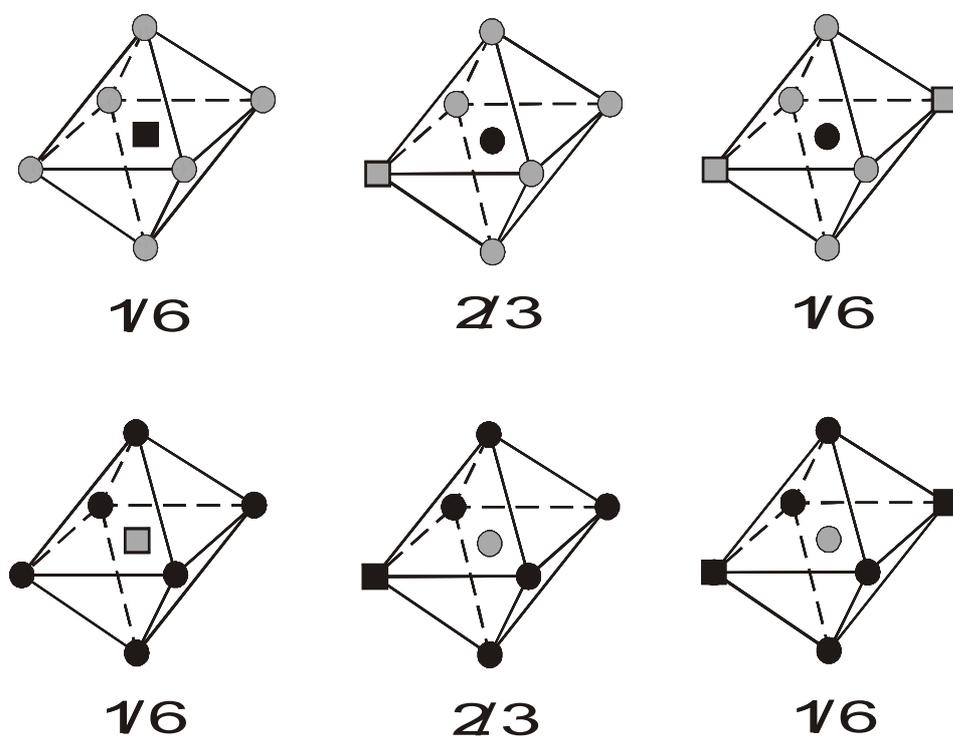


Octahedral clusters in various phases of nonstoichiometric titanium monoxide

Maxim G. Kostenko, Albina A. Valeeva and Andrey A. Rempel

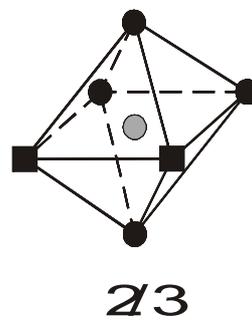
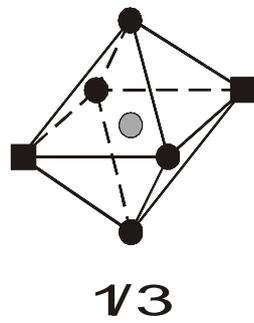
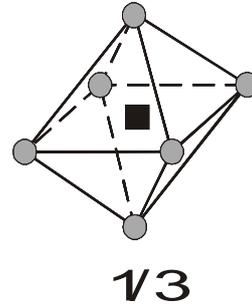
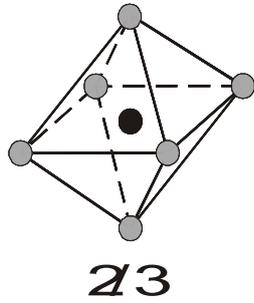
Appendix 1

Site positions types of Ti_5O_5 structure. Numerical values of probability of their appearance in Ti_5O_5 are shown. Black circles indicate titanium atoms, white ones indicate oxygen atoms. Black and white squares are the symbols for titanium and oxygen vacancies



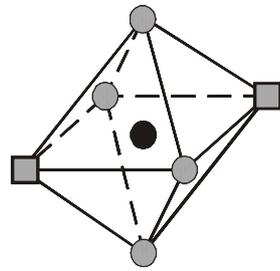
Appendix 2

Types of site positions in Ti_3O_2 structure. Numerical values of probability of their appearance in Ti_3O_2 are shown. Black circles indicate titanium atoms, white ones indicate oxygen atoms. Black and white squares are the symbols for titanium and oxygen vacancies

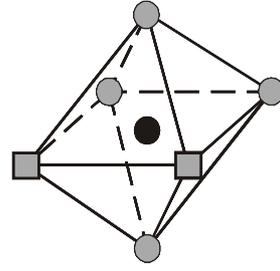


Appendix 3

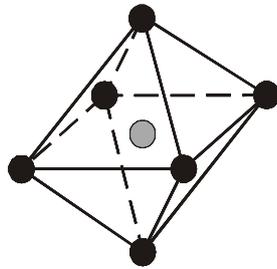
Types of site positions in Ti_2O_3 structure. Numerical values of probability of their appearance in Ti_2O_3 are shown. Black circles indicate titanium atoms, white ones indicate oxygen atoms. Black and white squares are the symbols for titanium and oxygen vacancies



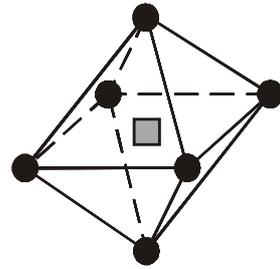
$\frac{1}{3}$



$\frac{2}{3}$



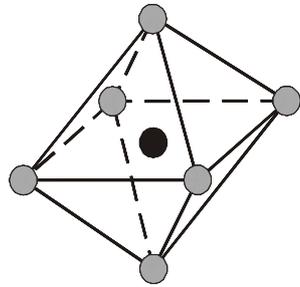
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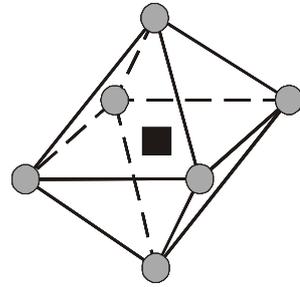
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Appendix 4

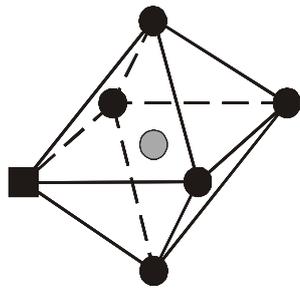
Types of site positions in Ti_4O_5 structure. Numerical values of probability of their appearance in Ti_4O_5 are shown. Black circles indicate titanium atoms, white ones indicate oxygen atoms. Black and white squares are the symbols for titanium and oxygen vacancies



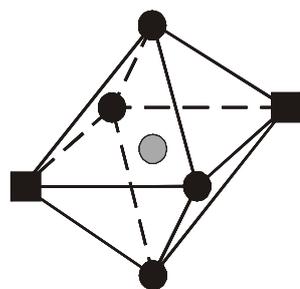
4/5



1/5



4/5



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