

# The method of secondary quantization in the strong bond approximation

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## Abstract

© Kazan Federal University (KFU). Expressions for the calculation of the Fourier transform of the direct Coulomb interaction of electrons have been derived in the method of strong bond. It was shown that in the elaborated method it is not necessary to spread out nuclear charges over the crystal as it is done in the case of delocalized electrons.

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## Keywords

NMR, NQR, Secondary quantization, Strong bond approximation