

Destabilization criteria of the in-plane Cu c-axis dynamics in cuprate superconductors

Kristoffel, Nikolai; **Klopov, Mihhail** Europhysics letters 2001 / 5, p. 686-690 : ill <https://iopscience.iop.org/article/10.1209/epl/i2001-00110-7/fulltext/6690.html?doi=10.1209/epl/i2001-00110-7>

Dynamical instability of the apex oxygen by the c-bonds compression in YBaCuO

Klopov, Mihhail; Kristoffel, Nikolai Physica C 1998 / p. 261-264

Dynamical instability of the chain oxygen with softened bonds in the 123-system

Kristoffel, Nikolai; **Klopov, Mihhail**; Rubin, P. Journal of low temperature physics 1996 / 314, p. 849-854

Dynamical stability of chain oxygen with softened bonds in YBa₂Cu₃O_{6+x}

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Dynamical stability of the chain oxygen with softened bonds in YBa₂Cu₃O_{6+x}

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Local dynamics of YBa₂Cu₃O_{6+x} and O(1)-defect dynamical stability

Kristoffel, Nikolai; **Klopov, Mihhail** Physical review B, Condensed matter 1996 / 13, p. 9074-9076
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The interplay of long range interactions and electron density distributions in polar and strongly correlated materials

Kristoffel, Nikolai; Pishtshev, Aleksandr; Rubin, Pavel; **Klopov, Mihhail** Journal of superconductivity and novel magnetism 2017 / p. 91-96 : ill <https://doi.org/10.1007/s10948-016-3765-y> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Локальная динамика кристаллов BaTiO₃ и SrTiO₃ с точечными дефектами замещения : диссертация на соискание ученой степени кандидата физико-математических наук

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