

BARIC DEPENDENCES OF T_c FOR
HIGH-TEMPERATURE SUPERCONDUCTORS

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S u m m a r y

Two principal aspects, which characterize the contemporary condition of investigation of high-temperature superconductors (HTSC) – the elucidation of mechanisms of the phenomenon and the aspiration to increase the transition temperature (T_c) – cause a rising interest to study the pressure dependences of the parameters of these materials. The investigations of the main groups of HTSC, $(La_{2-x}M_xCuO_{4-d},$
 $RBa_2Cu_3O_{7-d},$ $RBa_2Cu_4O_{8-d},$
 $(Bi, Tl)_mM_2Ca_{n-1}Cu_nO_{m+2n+2+d},$
 $HgBa_2Ca_{n-1}Cu_nO_{2n+2+d})$, which have been realized recently, allowed one to establish some empirical regularities inherent in high-temperature superconductor oxide cuprates. The proposed review paper is devoted to clearing these regularities and consideration of model approaches for explanation of the dependence $T_c(P)$.