

Pseudogap from ARPES experiment: three gaps in cuprates and topological superconductivity



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The SDW and superconductivity in HTSC cuprates competes for the phase space [1] but, on the other hand, the **SDW-reconstructed Cu-SC** share with **Fe-SC** the empirical correlation between the T_c maximum and the proximity of the Fermi surface to the topological **Lifshitz transition** [2]. This suggests that "**topological superconductivity**" could be a general mechanism for high temperature 2D superconductors [1].

