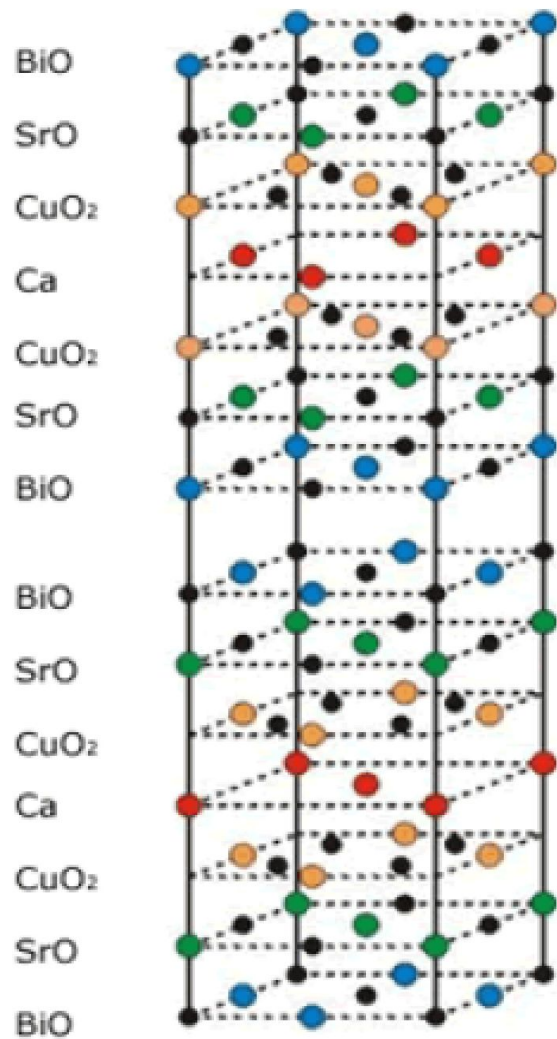
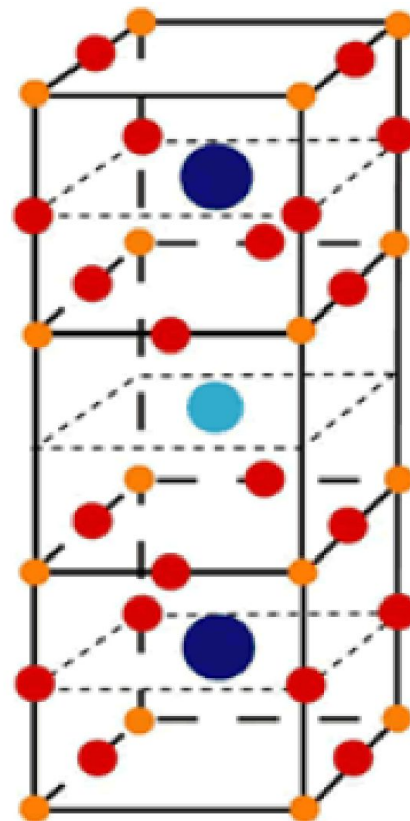


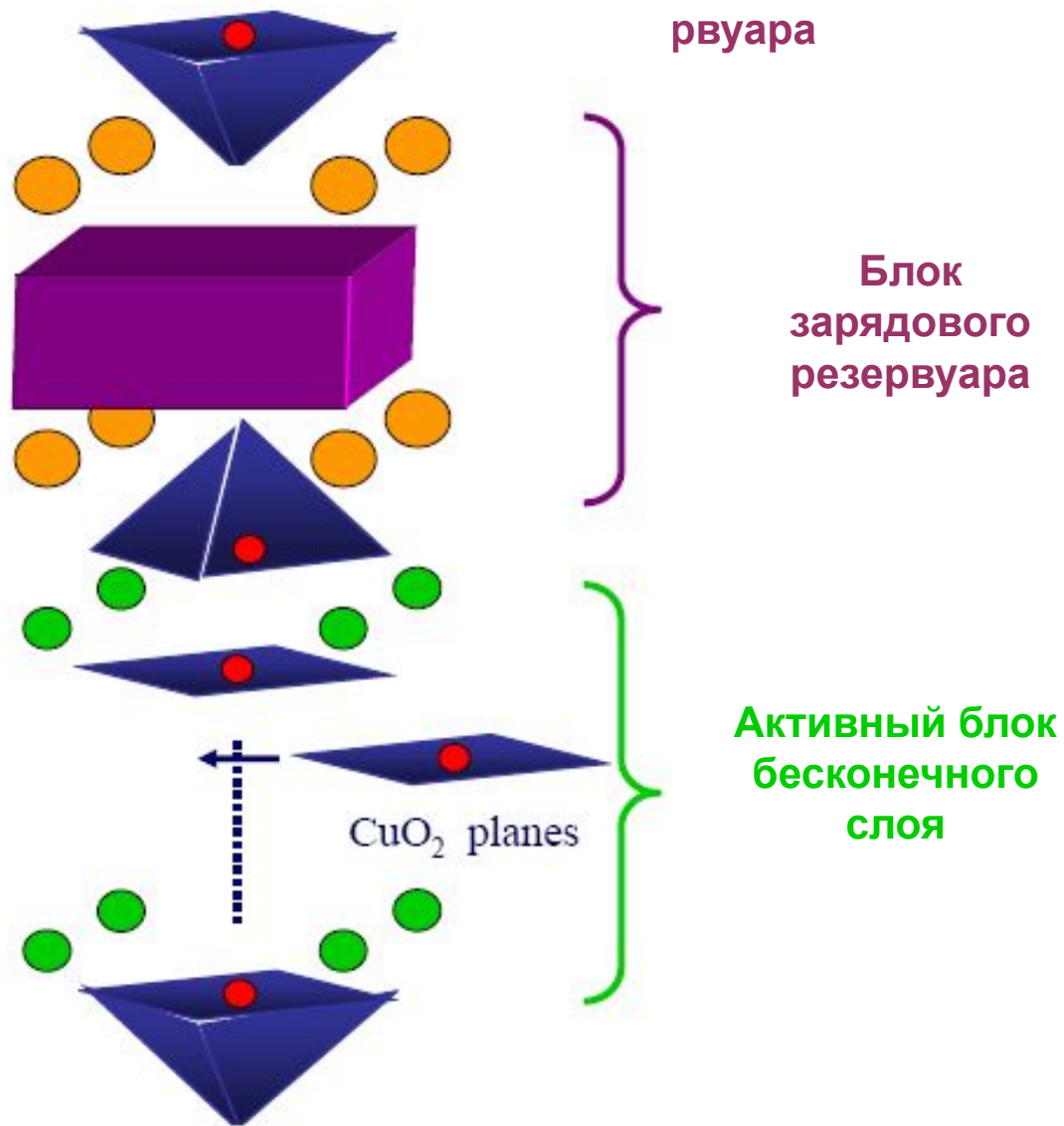
# Сверхпроводимость

# ВТСП структуры

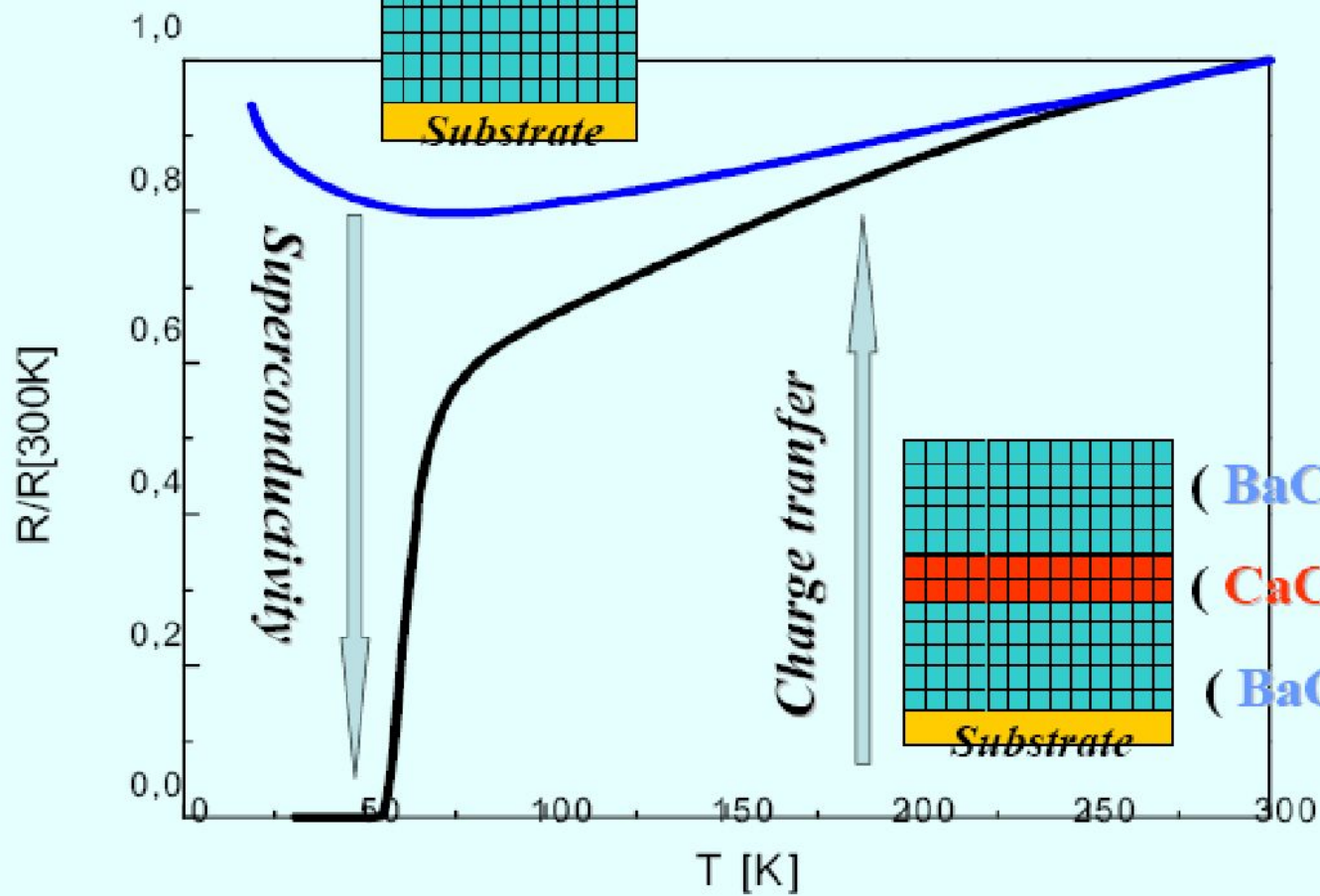
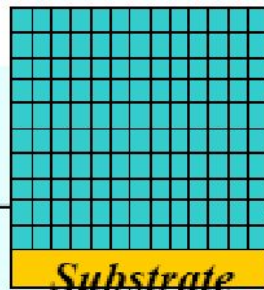


- Cu<sup>2+</sup>, Cu<sup>3+</sup>
- O<sup>2-</sup>
- Y<sup>3+</sup>
- Ba<sup>2+</sup>





$(\text{BaCuO}_2)_{10\text{uc}}$



Superconductivity

Charge transfer

$(\text{BaCuO}_2)_{5\text{uc}}$   
 $(\text{CaCuO}_2)_{2\text{uc}}$   
 $(\text{BaCuO}_2)_{5\text{uc}}$

Сверхрешетки  $[\text{BaCu}[\text{BaCuO}_2]_2]/[(\text{CaCuO}_2)_n]$  со  
сверхтолстыми блоками бесконечного слоя

