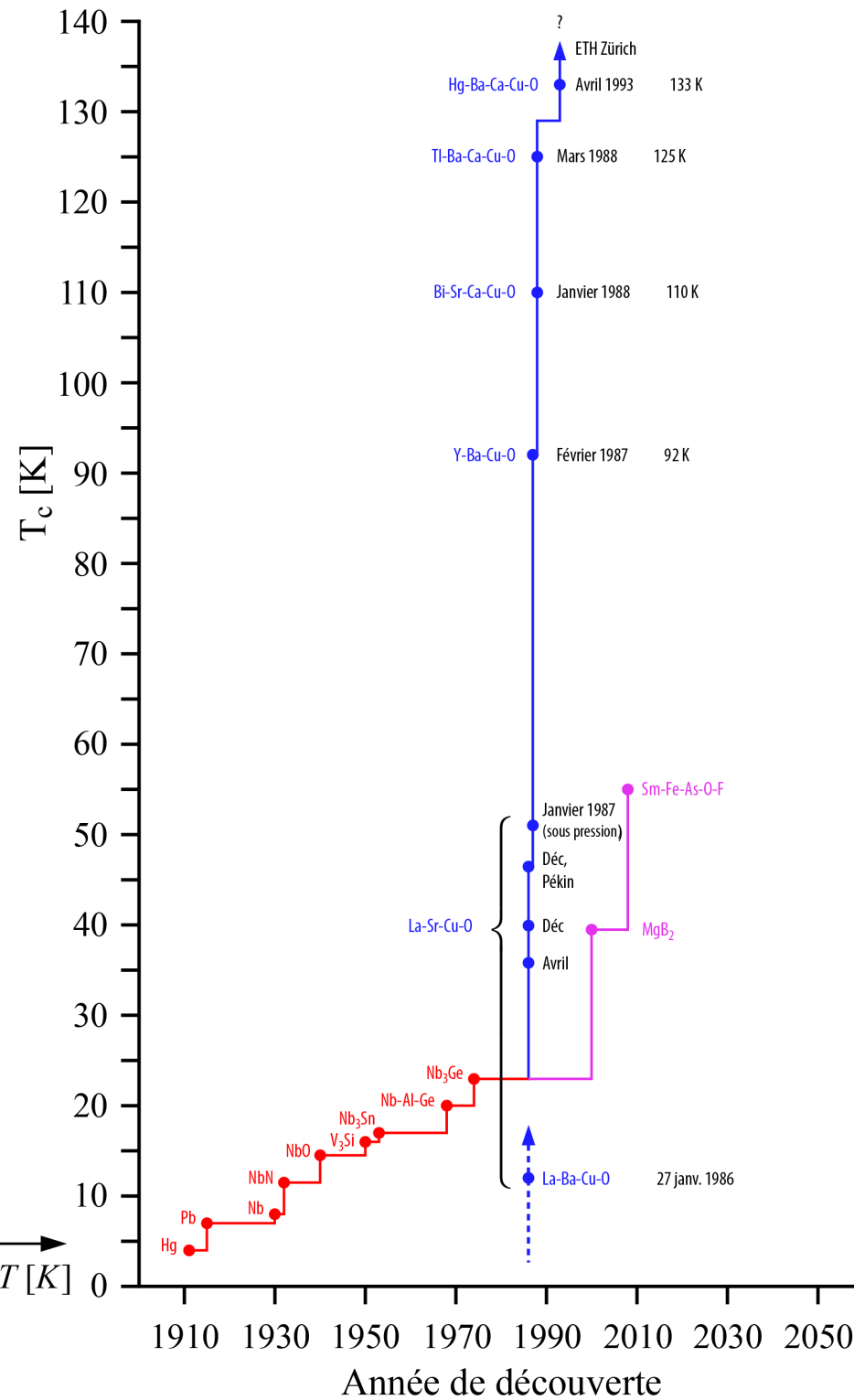
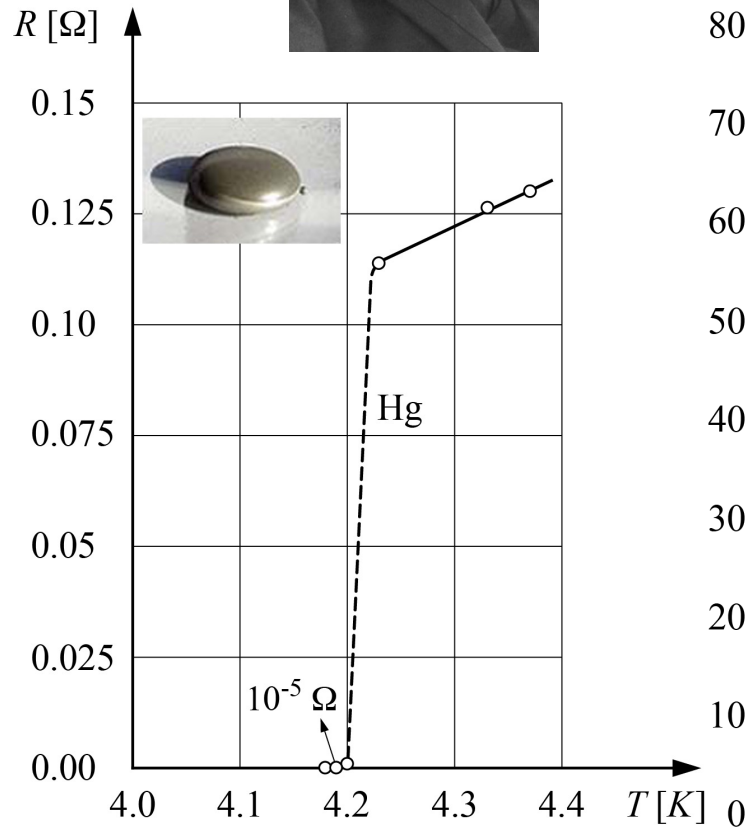
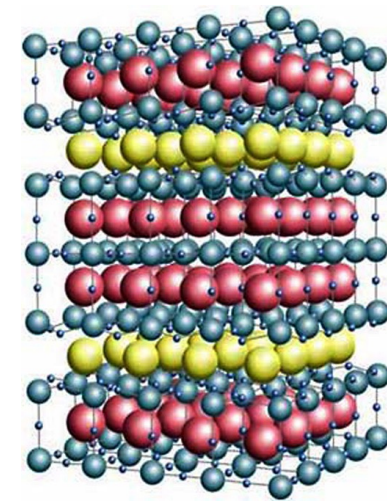


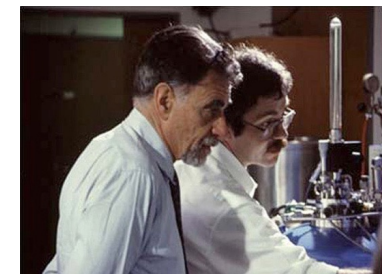
Kamerlingh Onnes



Ott & Schilling



Y-Ba-Cu-O



Müller & Bednorz

Applications



câbles

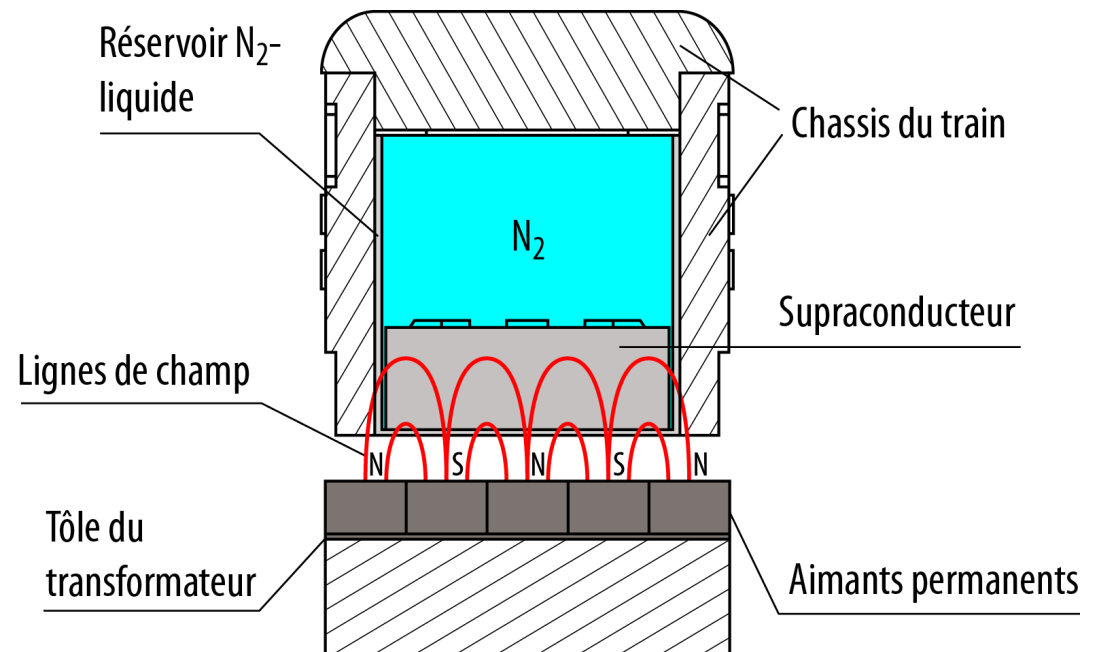


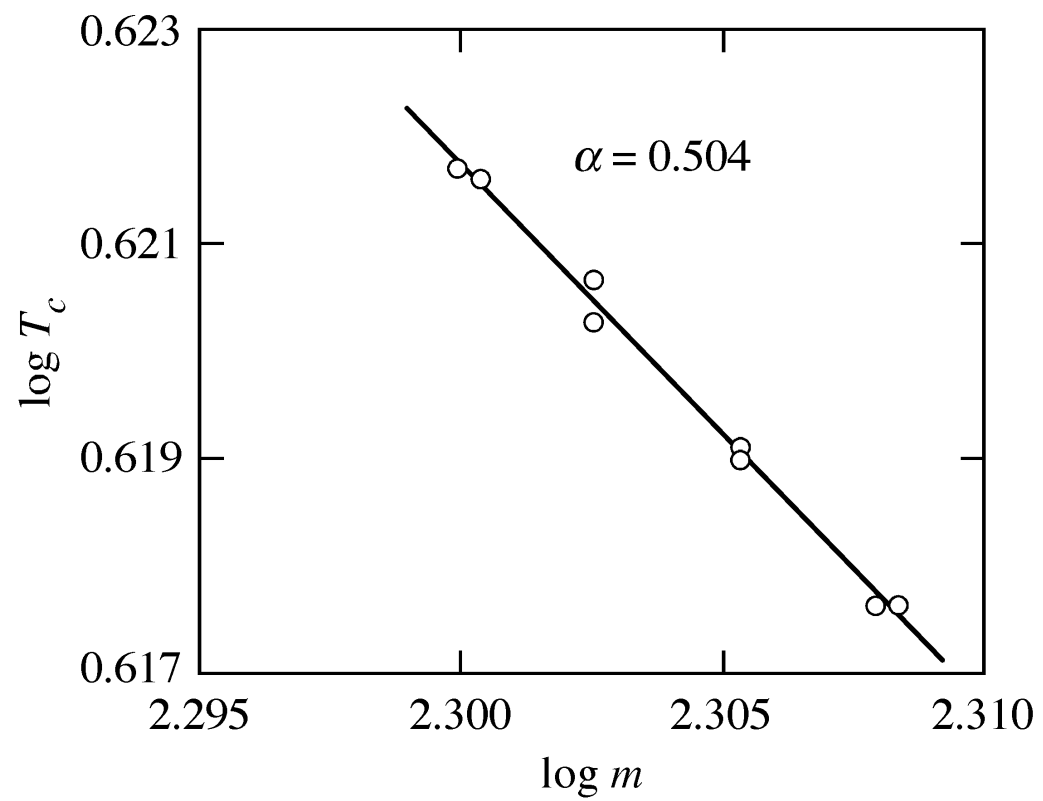
Nuclear magnetic imaging



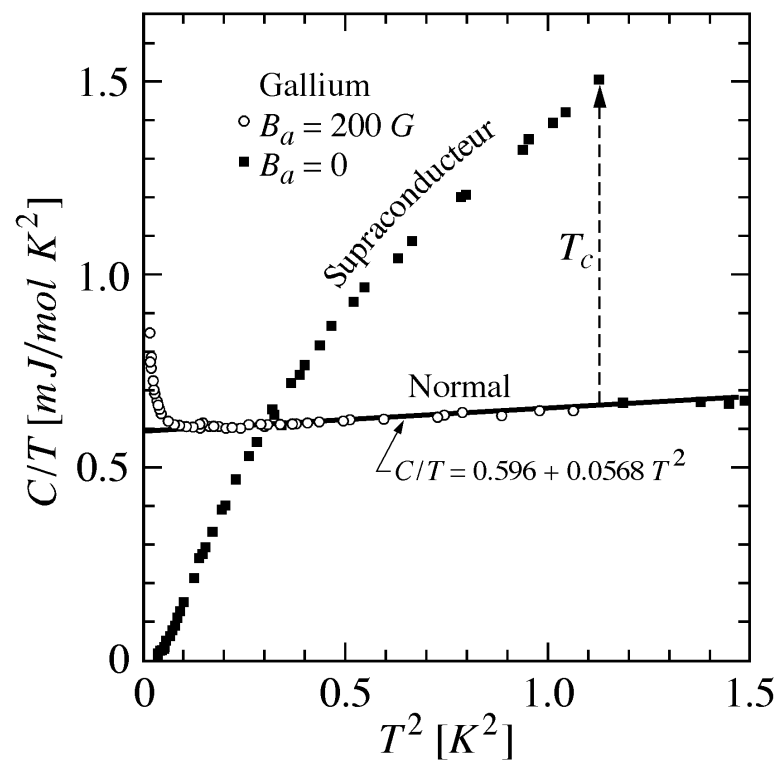
Maglev MLX01-901 $v_{\max} = 581 \text{ km/h}$

Démo

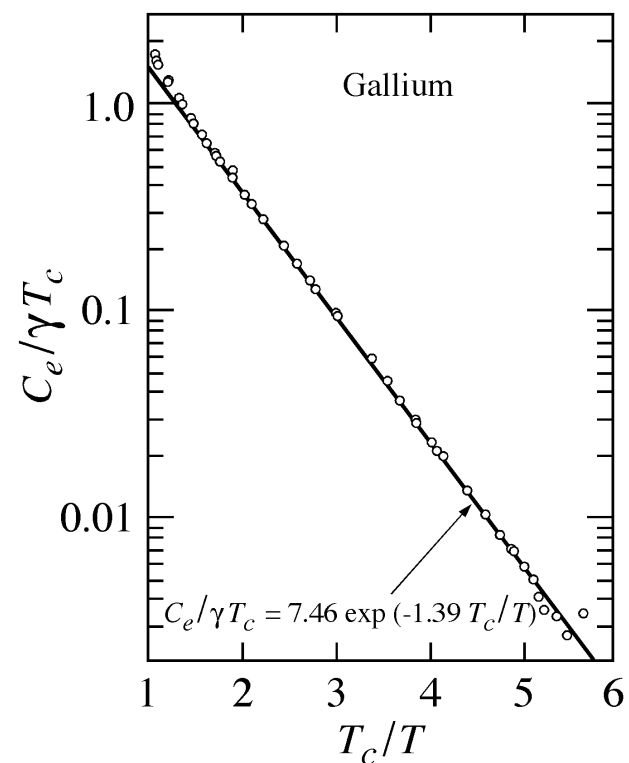




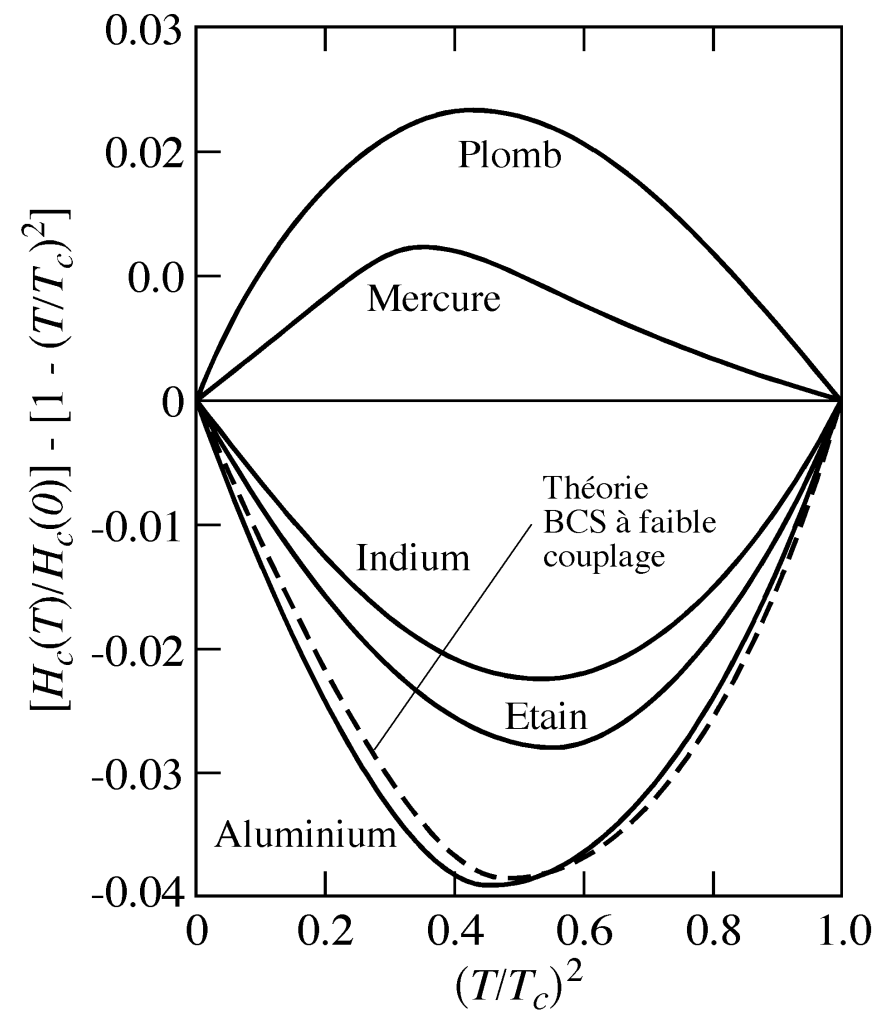
Substance	α	Substance	α
Zn	0.45 ± 0.05	Ru	0.00 ± 0.05
Cd	0.032 ± 0.07	Os	0.15 ± 0.05
Sn	0.47 ± 0.02	Mo	0.33
Hg	0.50 ± 0.03	Nb ₃ Sn	0.08 ± 0.02
Pb	0.49 ± 0.02	Mo ₃ Ir	0.33 ± 0.03
Tl	0.61 ± 0.10	Zr	0.00 ± 0.05



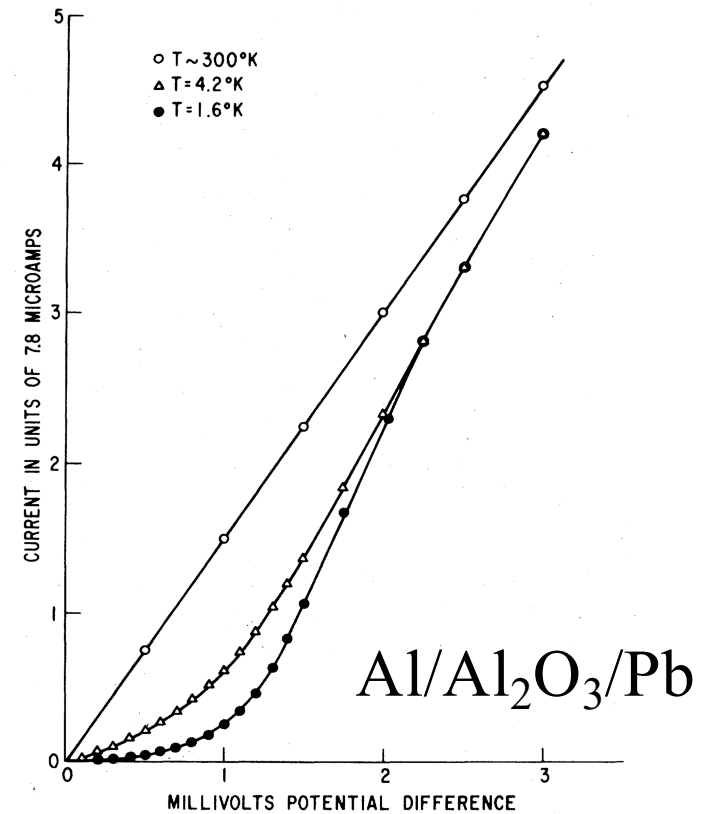
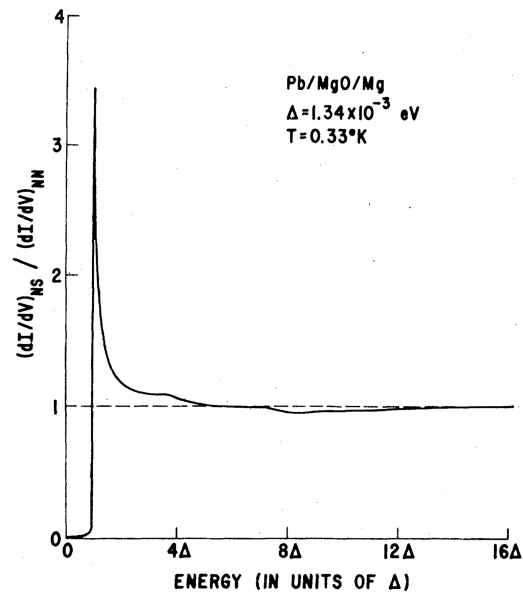
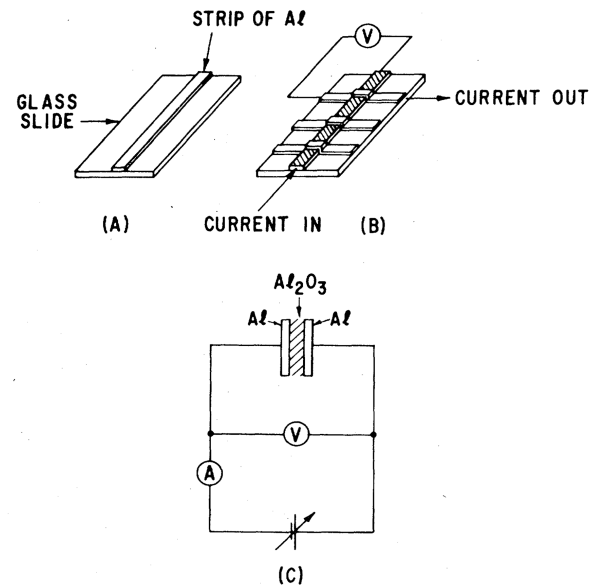
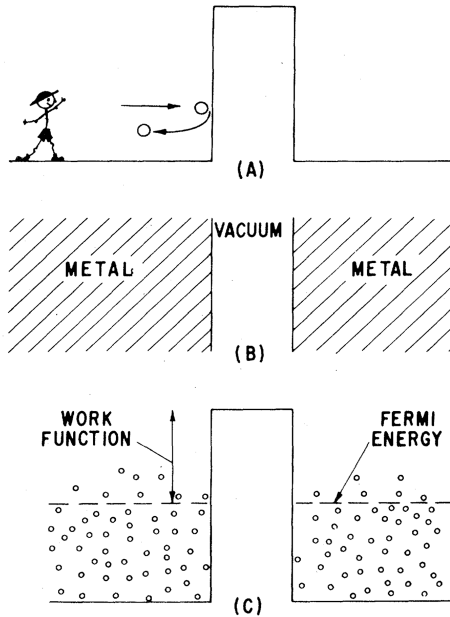
a)



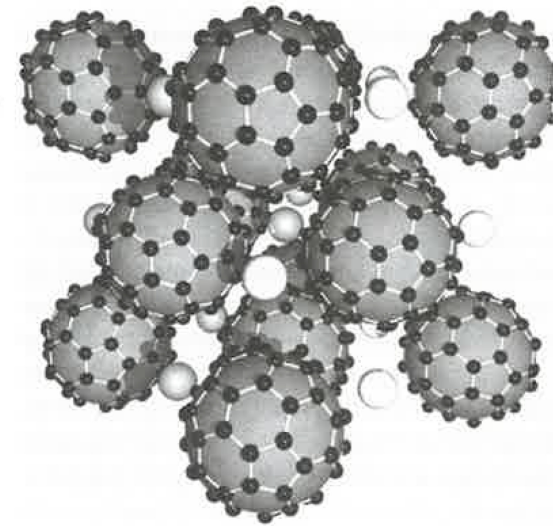
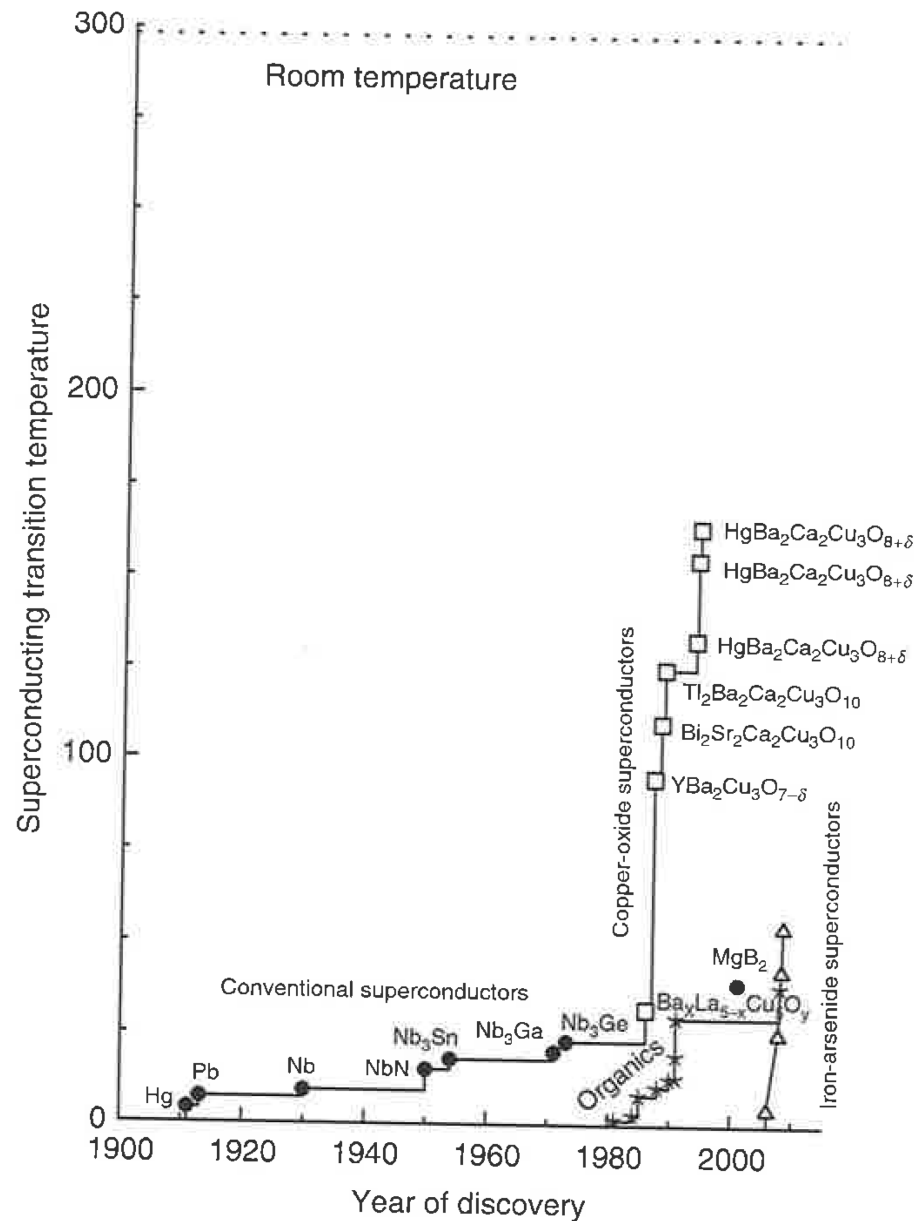
b)



Effet tunnel – mesure de Δ



Température critique et nouveaux matériaux supra



réseau fcc de buckyballs
dopé par alcalins
 T_c (Cs₃C₆₀) = 38 K

