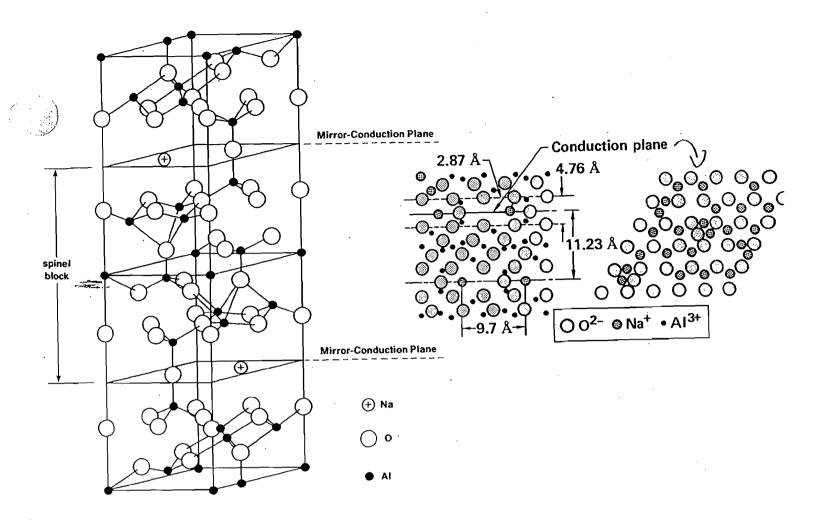


● M+2, M+3



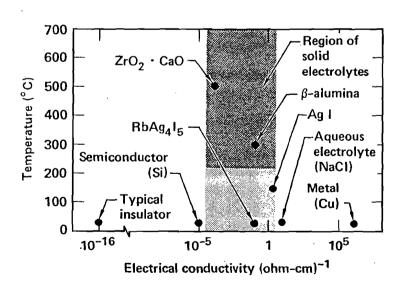


Figure 5.27. .

Electrical conductivities of several common substances and representative solid electrolytes are shown at temperatures where the materials might be used. β -Alumina is the sodium form, in which Na⁺ is the mobile species. In silver iodide, Ag⁺ is responsible for the electrical conductivity, as it is in RbAg₄I₅. [After Shriver and Farrington, C&E News, 63, 42 (1985).]

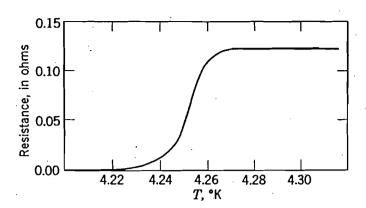
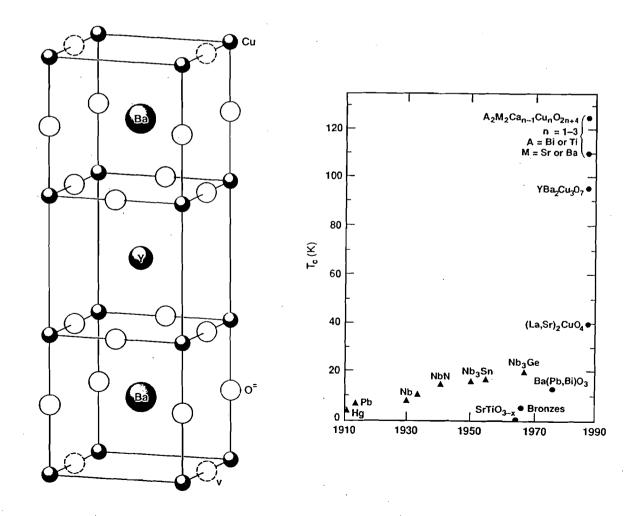


Figure 11.1 Electrical resistivity of mercury as a function of temperature. (H. Kamerlingh Onnes, Leiden Comm. Vol. 122b, 1911.)



The 1-2-3 structure has three cubic units. O^{2-} ions are absent from the vertical edges of the Y cell. They are also missing from the terminal horizontal planes YBa₂Cu₃O₆, but there are two O^{2-} , shown in dashed circles, in YBa₂Cu₃O₇.

gure 5.19.

