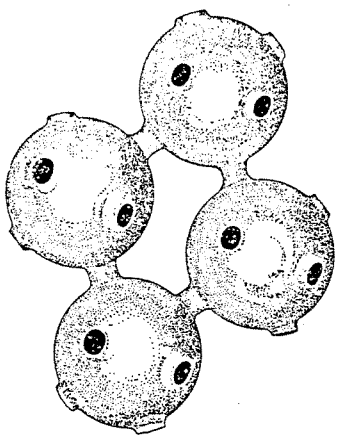

Fig. 164. Fermi surface of copper.

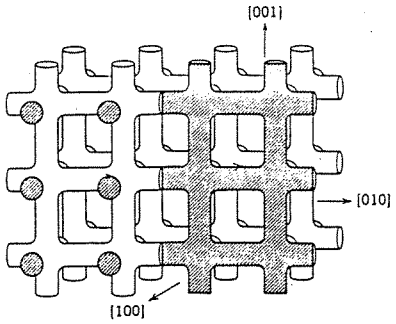

FIG. 8. One possible type of open fermi surface for a cubic metal, showing two sections of constant k_μ, for H along [100]. *Left:* electron orbits; *right:* hole orbits. (After R. G. Chambers.)

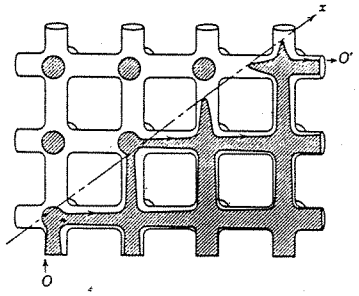

FIG. 10. As in Fig. 9, but with H tilted slightly away from [100] in an arbitrary direction. Regions of electron orbits (top left) and hole orbits (bottom right), separated by an aperiodic open orbit OO'. Direction of open orbit taken as x axis. (After R. G. Chambers.)

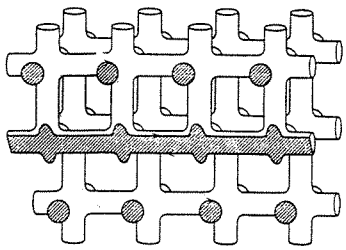

FIG. 9. Section of fermi surface for H in (010) plane, showing the periodic open orbits bounding the central shaded strip. Electron orbits above and below. (After R. G. Chambers.)

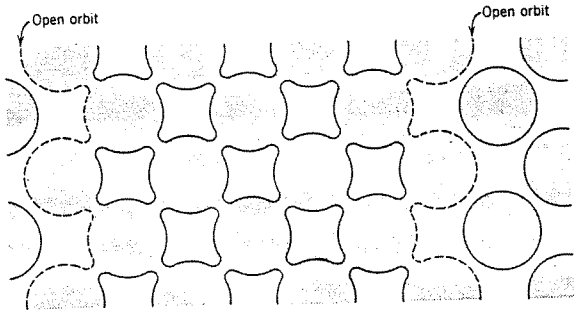

FIG. 11. Periodic open orbits. Slice through extended BZ scheme of fcc crystal, with H tilted in yz plane slightly from z direction. (After Pippard.)