



FIG. 10.26 Critical current I_c of a Nb₃Sn conductor as a function of axial strain for different magnetic fields applied perpendicular to the current direction (from Ekin 1980a, and 1984). Data points designated by a + symbol (and labeled by primed letters) denote the I_c measured after unloading from the data point labeled by the corresponding unprimed letter. The strain ϵ_m (where I_c is a maximum) is 0.32 % for this sample, and the irreversible damage strain limit ϵ_{irr} (where the curve becomes irreversible upon unloading) is about 0.8 %.