



FIG. 10.27 Effect of strain on the critical current of a Bi-2223 superconductor, illustrating the field-independent irreversible strain limit ϵ_{irr} where the superconductor is permanently damaged (from Ekin et al. 1992). Data points designated by a + symbol (labeled by primed letters) denote J_c determined after unloading from the data point labeled by the corresponding unprimed letter. Magnetic field was parallel to the tape surface and perpendicular to the current direction.