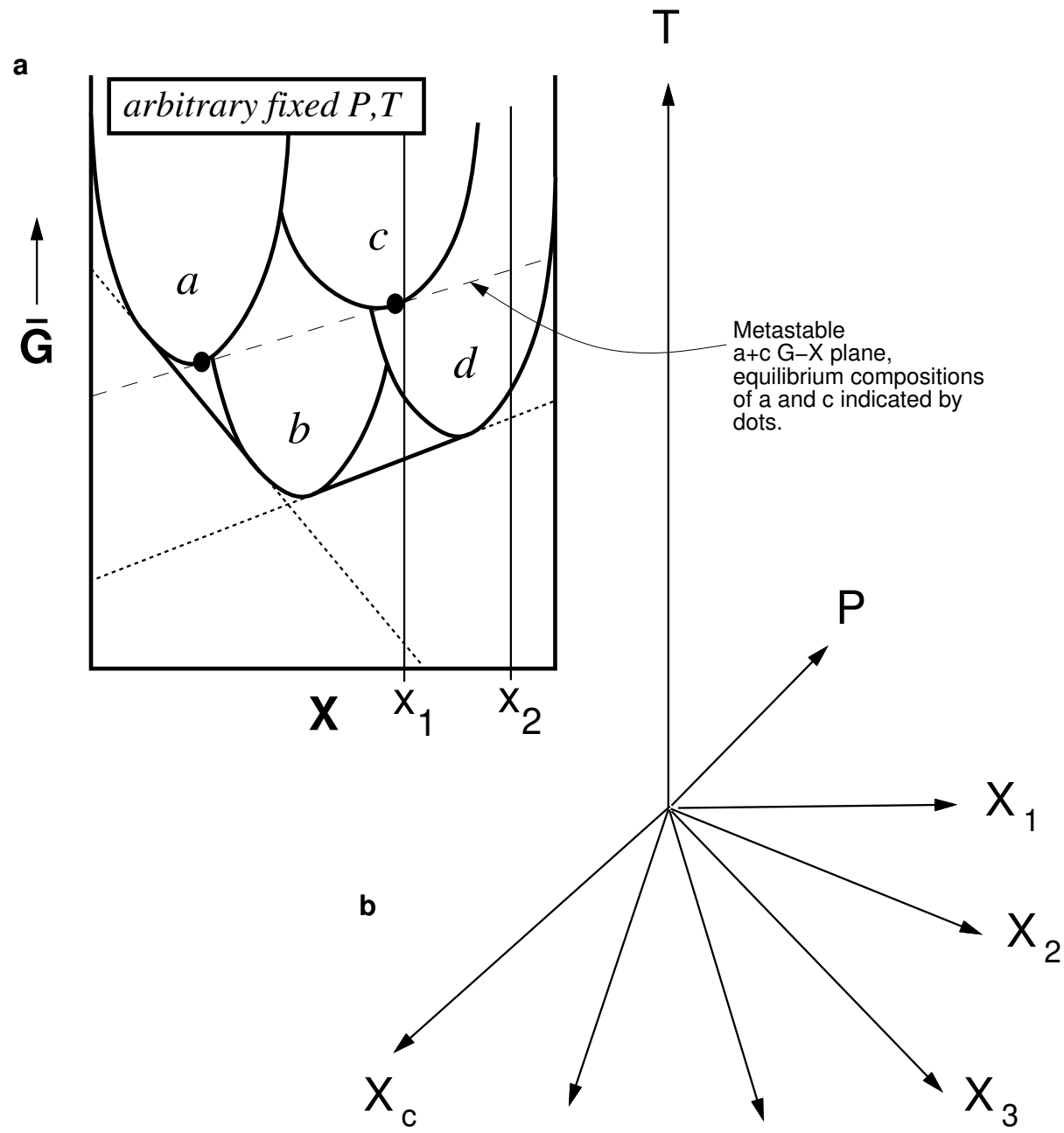
Figure 1.8

Free Energy Minimization



Operations per point proportional to (c)

Number of points proportional to r

Feasible for phase diagram sections,

infeasible for phase diagrams for systems with r>2

Minimize G at a single point in P–T–X space.

Assume whole rock equilibrium, i.e., no mineral zoning.

Mathematically rigorous, easy to program.