

Fig. 1 Core-level UPS spectra for (a) the Fe 3p and (b) Si 2p levels of the β -FeSi₂ thin film measured at $h\nu = 130$ eV. Each point shows the photoelectron count normalized by photon flux, and averaging three neighbouring points of both sides gives solid lines.

5

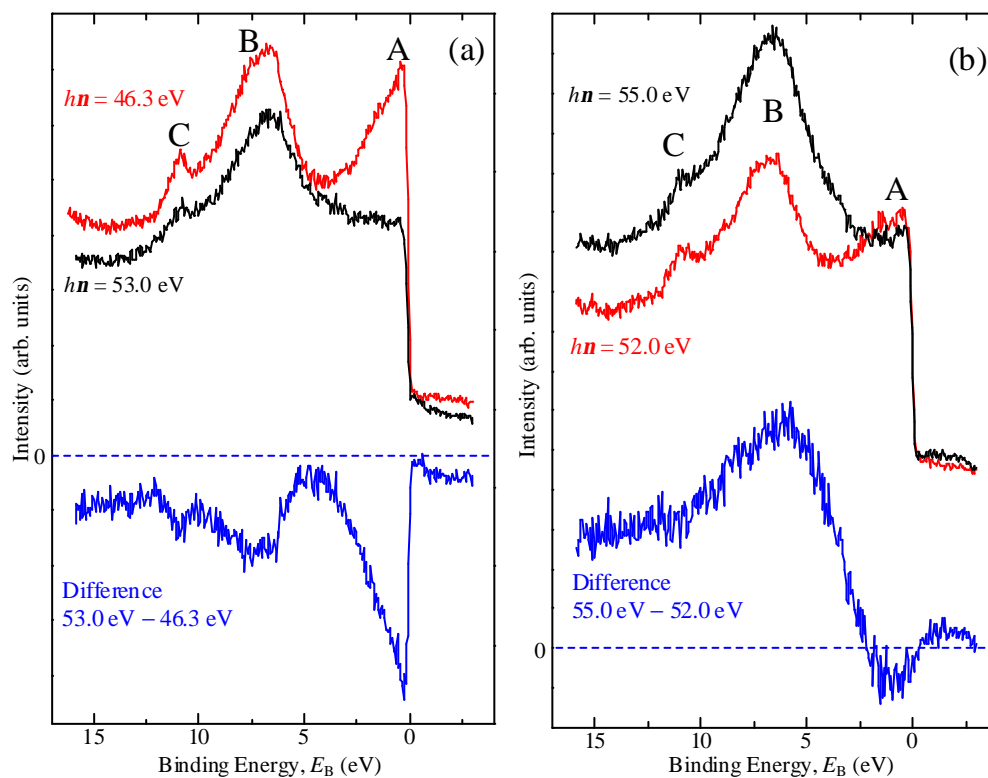


Fig. 2 Spectral difference (a) between just on-resonance and after-resonance and (b) between after and before resonance at the Fe 3p core-level excitation.