Fig. 6.1. AFM three-dimensional view of linear periodic structure on Poly(ethylene terephthalate) surface after 5 minutes exposure with 5 mJ/cm².
Fig. 6.2  A SEM micrograph of a typical periodic linear structure produced by Nd: YAG 4th harmonic generation on polyimide.
Fig. 6.2a A SEM micrograph of a typical periodic linear structure produced by Nd: YAG 4th harmonic generation on polyimide with 75,000 magnification.
Fig. 6.3  Si(100) surface pattern of quarter-micron periodic structure after image transfer by RIE.
Fig. 6.3a Surface damage pattern of quarter-micron periodic structure after SF6-RIE.
Fig. 6.3b  Si(100) surface profile after overetching of periodic structure.
Fig. 6.3c  Structural damage of trench after RIE.
Fig. 6.3d  Polymer redeposition after plasma etching.