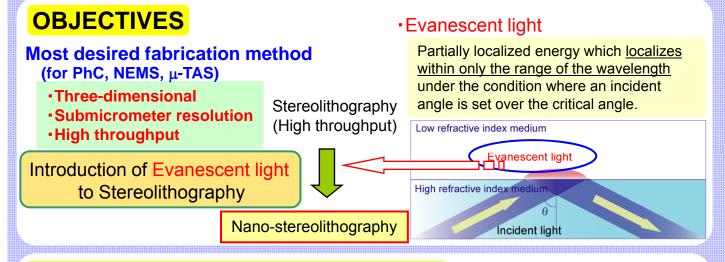
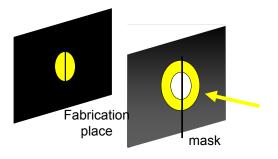
Nano-stereolithography using evanescent light

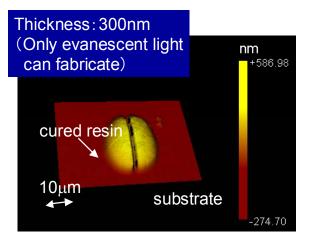
Ms.D Student: Toru Takeuchi



Nano structure made by using mask

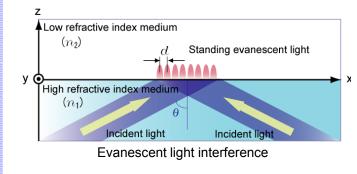


By using the mask, microchannel with 1μ m width was fabricated

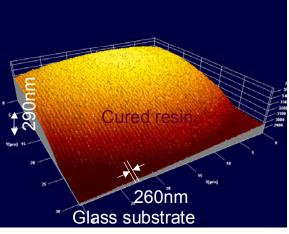


Nano structure made by using mask

Nano structure made by using evanescent light interference



By using evanescent light interference, 260nm(half pitch) lattice structure was fabricated



Nanolattice structure made by evanescent light interference

Ref.) S.Takahashi, et. al., Photofabrication of Periodic Submicron Structures Using Standing Evanescent Light for Nano-Stereolithography, 20th Annual ASPE Meeting, 2005, 1729-1732