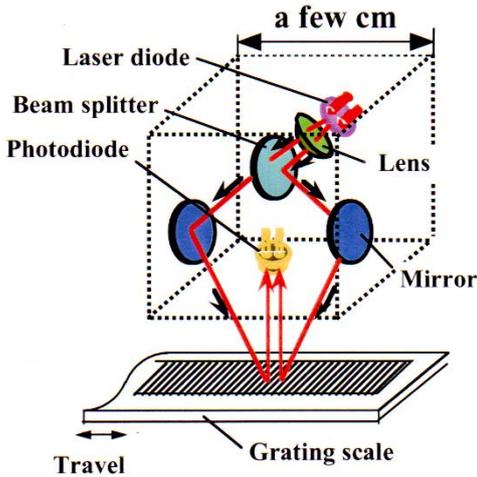
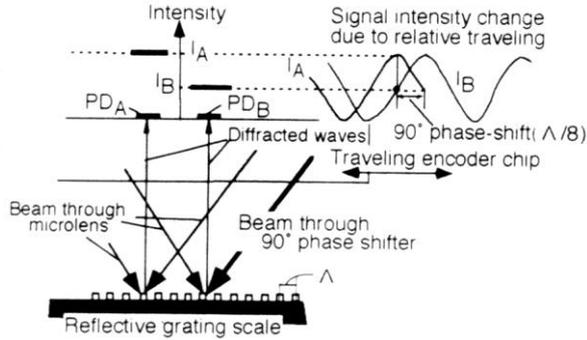


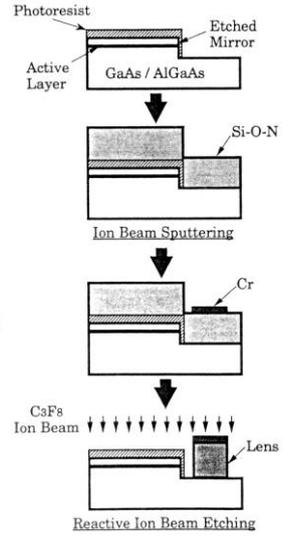
# 光エンコーダ (NTT)



従来の光エンコーダの原理

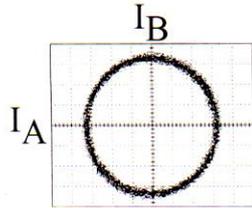


本光エンコーダの原理

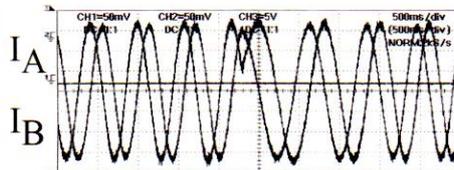


エッチミラーレーザの製作工程

One revolution of Lissajous curve corresponds to displacement of 0.8 or 1.6 μm.

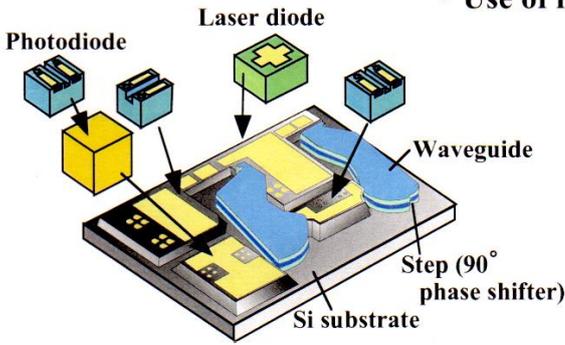


Lissajous curve  
変位測定例

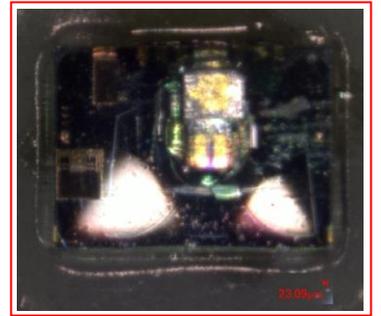
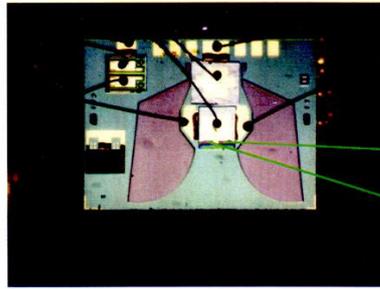


Displacement X

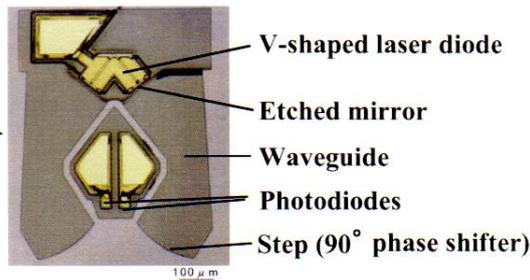
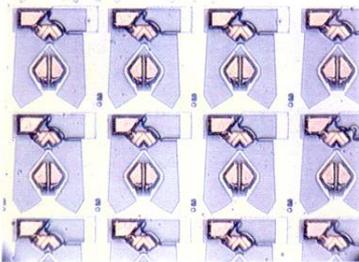
- Accurate bonding on silicon substrate
- Use of long-life optical elements (LD, PD)



ハイブリッド法 (組立)



- 4000 chips fabricated using batch process on 2-inch GaAs substrate



モノリシック法

