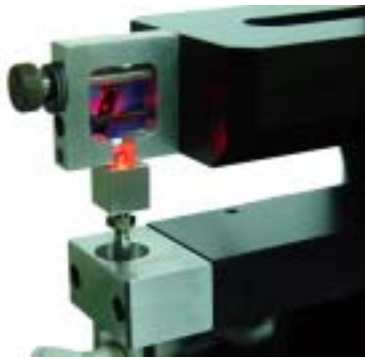


Prism and Liquid box

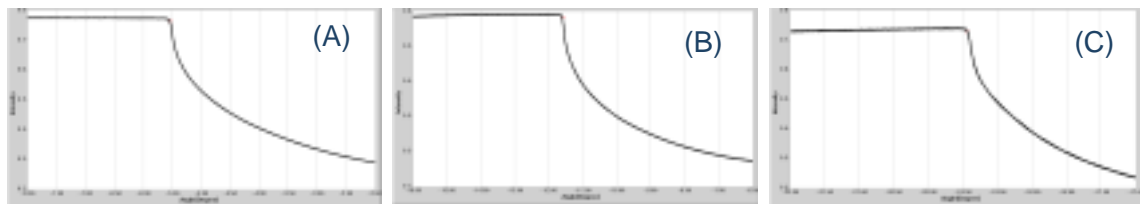


PrismへLaser Beamを入射させる

SPA-4000 Liquid物質 屈折率測定装置のLiquid Boxとプリズム結合

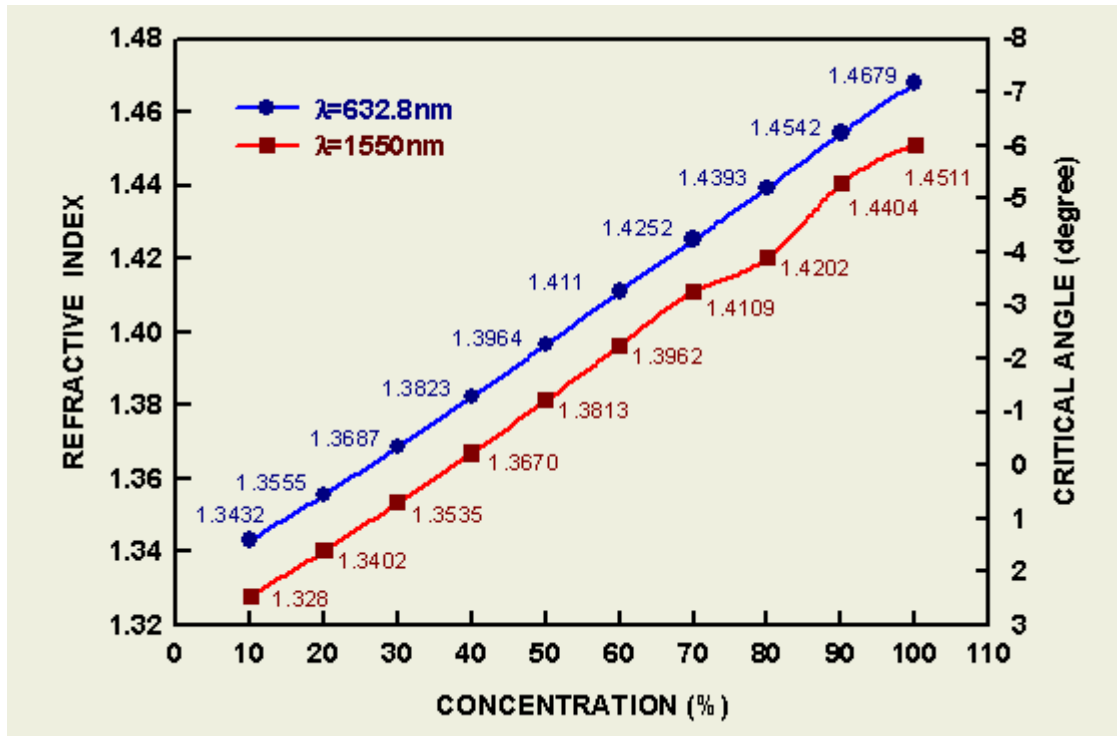
参考例)

測定結果



Sample	波長(nm)	屈折率	θ_c (degree)
Refractive index liquid(ND=1.450)	632.8	1.4477	-5.5425
Refractive index liquid(ND=1.520)		1.5165	-11.6
Refractive index liquid(ND=1.602)		1.5975	-19.44

Sample	波長 (nm)	屈折率	Critical angle	波長 (nm)	屈折率	Critical angle
H ₂ O	632.8	1.3315	3.9025	1550	1.3159	3.65



Sample (Glucose)	波長 (nm)	屈折率	Critical angle	波長 (nm)	屈折率	Critical angle
40%	632.8	1.3772	0.2775	1550	1.3514	-0.15
20%		1.3568	1.9075		1.3411	1.475

Poster 論文 - Korea physics conference fall 2002.