























J(blu), psiN(grn), Jequi(mag) at Z=0.1875m

















2.5 -







Sensors chi^2

J(blu), psiN(grn) at Z=0.09375m

2.0

-1.5

1.0 Å

2.5 -

2.0 -

∾ 1.5

Έ 1.0 ΨW 0.5

 \geq





















Effect of Defect quite severe on Fourier Methods





































hi = h1 do/d1 - hv (1 + do/d1) + di hv/do





























hi = h1 do/d1 - hv (1 + do/d1) + di hv/do



























Single refractive index (non-birefringent) Reflection and Transmission



 $b = u \times n / |u \times n|$ $a = n \times b$ $r = u - 2(u \cdot n)n$ $t = (n_f/n_b) (u.a)a - \sqrt{1 - ((n_f/n_b)(u.a))^2} n$ Intensity of incident s/p polarisations: Isi = pi · b Ipi = |pi - Isi b| = pi · (b × u) Coefficents from Fresnel equations, then: Isr = Rs Isi Ist = Ts Isi Ipr = Rp Ipi Ipt = Tp Ipi

Final polarisations: $pr = lsr b + lpr (b \times r)$ $pt = lst b + lpt (b \times t)$

Birefringent, full transmission. Optic Axis in surface plane.



Excat Definition of Optic Axis, Principal plane(s) and E/O waves









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Major Radius / m







