normalisation

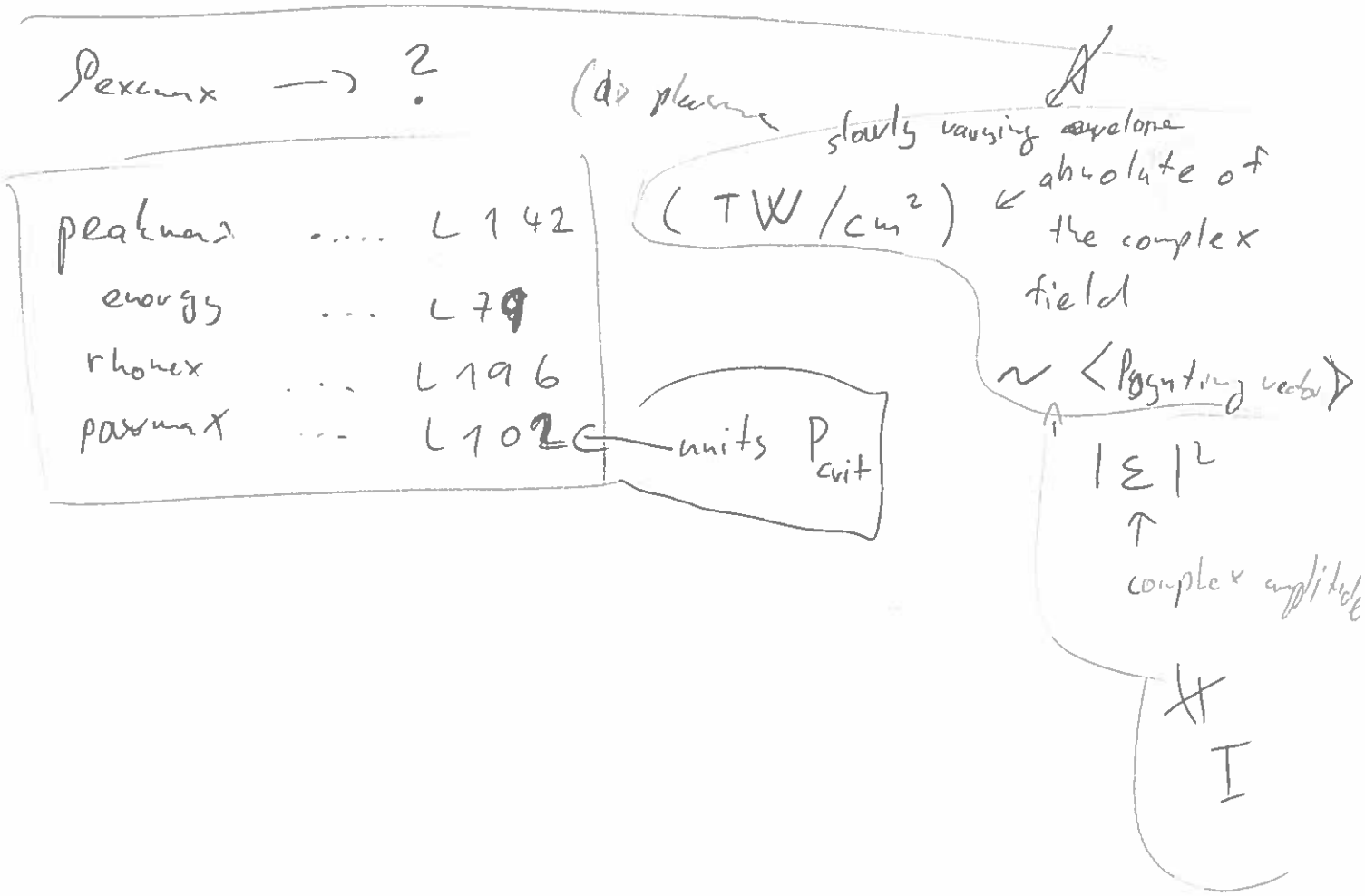
print_iso

fluence print_iso.m L57

PLASMACHANNEL – ρ L196

LOSSES_PLASMA → ~~L78~~ L79

LOSSES_IONISATION → ~~L78~~ L79



refractive index

grid - in(r, z, n)

- Make - stat: L156

4r

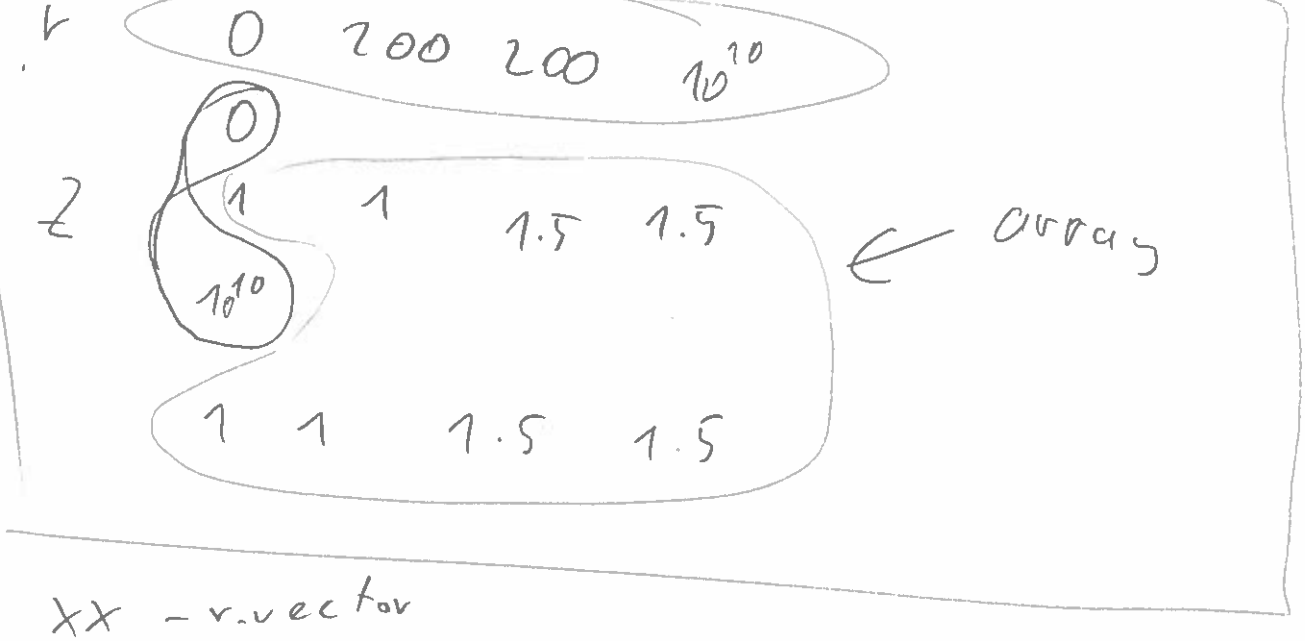
r - 0, 200 200, 10^{10}

4 - r , 2 - z

r = (0, 200, 200, 1^{10})

output - field_out

4, 2 ∈ dimension



xx - r.vector

tt - z-vector

normalisation.f90

ludica - gva

mult-place

-> buffer

FLUENCE -> every one 100 steps

rare

$z \leq \Delta z$ -> write (only once)

Δz_4 -> half step

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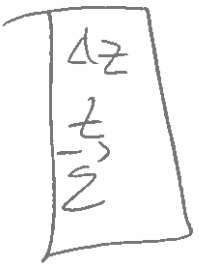
normalisation

-> recovering the code in the middle



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normalisation

[SI] <- units

- -> critical density (cm^{-3})
  - -> w_0 (cm)
  - λ -> photon energy (a.u.)