

About Chirps

Case B = 0.

- 1) lens function
- 2) FFT inverse FFT
- 3) lens function
- 4) FFT
- 5) lens function.
- 6) FFT

$$\phi_1 = \frac{\pi}{ND} \left(\frac{N\Delta^2 C}{\lambda} + 1 \right) (n^2 + m^2)$$

$$\phi_3 = \frac{\pi D}{N} (n^2 + m^2)$$

$$\phi_5 = \frac{\pi}{ND} \left(1 - \frac{B\lambda}{ND\Delta^2} \right) (n^2 + m^2)$$

The same pixel separation is used for both input and output planes.

The “Batch” option works like the batch option for “Fresnel”. At each invocation of the icon a new record is read from a text file up to the next carriage return or newline. I fills the fields from the top down on this page from that record. If the entries for “λ” or “Δ” are zero they are not changed from the previous value.

Illegal numbers will cause a branch not a crash (I hope).