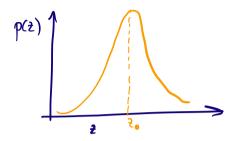
The unpertuited / jiducial dN/dz is assumed to be a Gaussian

$$P_{\circ}(z) = A e^{-(2-2)^{2}}$$



We allow for the central redshift and width of this distribution to shift as a function of sky position \hat{n} .

where

and

$$Q_{i}(y) = Q_{i} + Q^{crit}(y)$$

We therefore can write

$$\Delta \rho(\hat{n}) = \rho'(\hat{n}) - \rho_{o}(\hat{n})$$

$$= A e^{-\left[\frac{1}{2} - \frac{2}{3}(\hat{n})\right]^{2}_{2[\sigma'(\hat{n})]^{2}} - A e^{-\left(\frac{1}{2} - \frac{2}{3}\right)^{2}_{2}}$$

To make contact with the calculation for the power spectrum bias, we want $\Delta p_{em}(\kappa)$. How do we go from $\Delta p(r\hat{n})$ to $\Delta p_{em}(\kappa)$?

we can see that the radial integral is related to the Hankel transform because

$$j_n(x)=\sqrt{rac{\pi}{2x}}J_{n+rac{1}{2}}(x),$$

=>
$$\sqrt{\frac{2}{\pi r}} \, K \int dr \, r^2 \, j_e(\kappa r) \, g(r) = \int dr \, \frac{r^2 \, K}{\kappa r} \, J_{e+\frac{r}{2}}(\kappa r) \, g(r) = \int dr \, r \, J_{e+\frac{r}{2}}(\kappa r) \, g(r)$$

where Jv is the Bessel Junction of the 1st kind of order v (jos v>-1). Hence,

We can regard this as taking the (1+12)th-order Hankel transform of every in mode after having taken the spherical harmonic transform of the map (at each pixel, 2:(ii) and 1º(ii) are contact).

Overall, to get Ce (K; 2) = 1/21+1 = Adem(K, 260) Adim(K, 2001)

- : 1. Evaluate $\Theta(r, \hat{n}) = \left[A e^{-\left[\frac{2(r)}{2}(r) \frac{2}{6}(\hat{n})\right]^2} A e^{-\left[\frac{2(r)}{2} \frac{2}{6}(r)\right]^2} \right]$ at each gived \hat{n} and at every value of r where FF7Log would you to sample. If FF7Log would here r where r where r where r would be an r where r and r where r would be an r where r and r would be an r where r and r where r would be an r where r and r where r would be an r where r where r would be an r where r wher
 - 2. Use Healpix to take SHT of each (slice. This gives you an (NFFILOS, Mis, South Use it & the Mankel xfame. (NFFILOS, Mis, South Use it & the Mankel xfame.
 - 3. To get $\Delta p_{en}(K_i)$, use FFTlog to get the $(l+x_i)^{+n}$ order Hankel transform of $\Theta_{em}(S_i)$. This will give you an array of $\Delta p_{em}(K_i)$ at all the N_{FFTlog} values of K_i . This basically enhalf doing a Hankel transform for every $m: i.e., \{Npix of Krem.$

4. You then get Ce (k;) by summing the squares of the spen (ki) for all the vis of his l.