$$\delta_g(\boldsymbol{r}) = \frac{n_g(\boldsymbol{r}) - \langle n_g \rangle}{\langle n_g \rangle}$$

$$\delta_m(\boldsymbol{r}) = \frac{\rho_m(\boldsymbol{r}) - \langle \rho_m \rangle}{\langle \rho_m \rangle}$$

$$\delta_g(\boldsymbol{r}) = b_g \delta_m(\boldsymbol{r})$$

$$(2(n-1))^{-1/2}$$