

$$\frac{\partial G_{\sigma}}{\partial x} = \frac{1}{2\pi c^{2}} \frac{\partial}{\partial x} e^{-\frac{\chi^{2}+y^{2}}{2\sigma^{2}}} \longrightarrow Gaussian \text{ Ferrel}.$$

$$\frac{\partial G_{\sigma}}{\partial x} = \frac{1}{2\pi c^{2}} \frac{\partial}{\partial x} e^{-(\chi^{2}+y^{2})/2\sigma^{2}} = \frac{1}{2\pi c^{2}} \left(\frac{-\chi}{\sigma^{2}} e^{-(\chi^{2}+y^{2})/2\sigma^{2}}\right)$$

$$\nabla^{2}G_{c}(x,y) = \frac{1}{2\pi s^{2}} \left(\frac{2(+y^{2}-2s^{2})}{s^{2}} e^{-(x^{2}+y^{2})/2s^{2}} \right)$$

$$\frac{\partial}{\partial s} (\eta_{c}(x,y)) = \frac{1}{2\pi} \left(\frac{x^{2}-y^{2}-2s^{2}}{s^{2}} e^{-(x^{2}+y^{2})/2s^{2}} \right)$$

$$\frac{\partial}{\partial s} = \nabla^{2}G_{c}(x,y)$$

$$\frac{\partial}{\partial s} = \nabla^{2}G_{c}(x,y)$$

 $\frac{\partial^{-1}}{\partial n^{\frac{1}{2}}}G_{\sigma}(x,y) = \frac{1}{2\pi c^{\frac{1}{2}}}\left(\frac{x^{2}-c^{2}}{c^{4}}e^{-(x^{2}+y^{2})/2c^{2}}\right)$

$$\frac{\partial G_{\sigma}}{\partial \sigma} \approx \frac{G(x,y,k\sigma) - G(x,y,\sigma)}{\kappa \sigma - \sigma} \approx \sigma \sigma G(x,y)$$

$$G(x,y,ke) - G(x,y,e) \approx (k-1)e^{\frac{\pi}{2}} G_{e}(x,y).$$

$$G(x,y,ke) - G(x,y,e)$$

I* VGe & I*Gr - I*Gr

