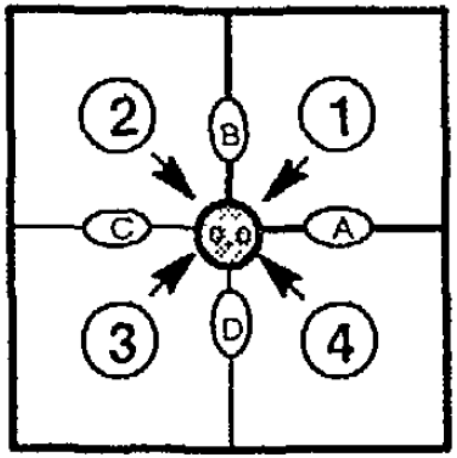
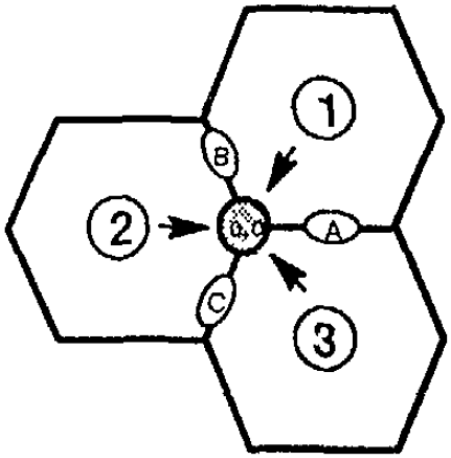
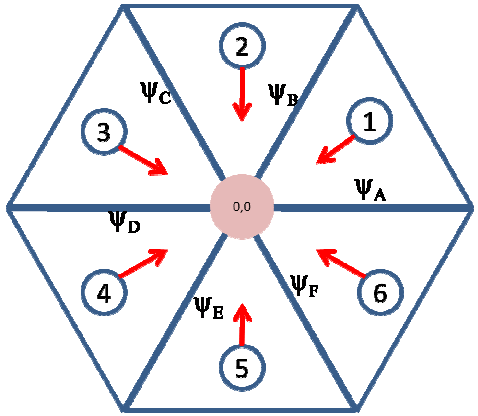
Geometry







Extrapolation

$$\phi^{1}_{oo} = \psi_A + \psi_B - \bar{\phi}^{1}$$
$$\phi^{2}_{oo} = \psi_B + \psi_C - \bar{\phi}^{2}$$
$$\phi^{3}_{oo} = \psi_C + \psi_D - \bar{\phi}^{3}$$
$$\phi^{4}_{oo} = \psi_D + \psi_A - \bar{\phi}^{4}$$

$$\phi^{1}_{oo} = \frac{2}{3}\psi_A + \frac{2}{3}\psi_B - \frac{1}{3}\bar{\phi}^{1}$$
$$\phi^{2}_{oo} = \frac{2}{3}\psi_B + \frac{2}{3}\psi_C - \frac{1}{3}\bar{\phi}^{2}$$
$$\phi^{3}_{oo} = \frac{2}{3}\psi_C + \frac{2}{3}\psi_A - \frac{1}{3}\bar{\phi}^{3}$$

?

Smoothing

$$\varphi_{oo} = \sum_{i=1}^{4} w_i \times \varphi^{i}_{oo}$$

$$\varphi_{oo} = \sum_{i=1}^{3} w_i \times \varphi^{i}_{oo}$$

$$\varphi_{oo} = \sum_{i=1}^{6} w_i \times \varphi^{i}_{oo}$$