

$$egin{array}{ll} \psi_2 = -2/5\pi, W_2 = 0.2 \ \psi_3 = 0\pi, W_3 = 0.2 \ \psi_4 = 2/5\pi, W_4 = 0.2 \ \psi_5 = 4/5\pi, W_5 = 0.2 \end{array}$$

 $\psi_1 = -4/5\pi, W_1 = 0.2$