

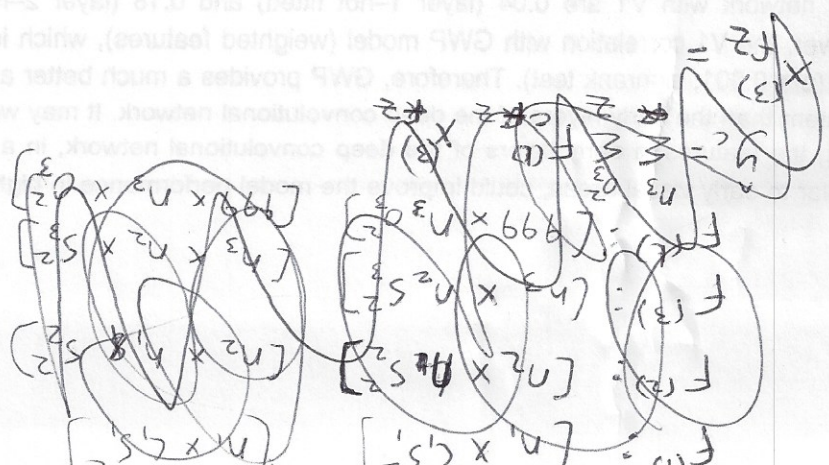
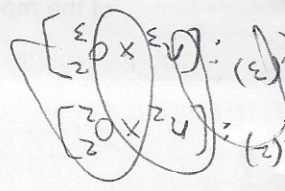
$$y_c = \sum_{f_3} \sum_{f_2} \sum_{f_1} F_{cf_3f_2f_1}^{(1)} \sum_{\alpha_3} \sum_{\alpha_2} \sum_{\alpha_1} F_{f_3f_2f_1\alpha_3\alpha_2\alpha_1}^{(2)} F_{f_1\alpha_1}^{(3)} F_{f_2\alpha_2}^{(3)} F_{f_3\alpha_3}^{(3)}$$

$$\frac{dy_c}{dF_{f_2f_3}^{(1)}} = \sum_{f_2} \sum_{f_3} \sum_{f_1} F_{cf_3f_2f_1}^{(1)} \sum_{\alpha_3} \sum_{\alpha_2} \sum_{\alpha_1} F_{f_3f_2f_1\alpha_3\alpha_2\alpha_1}^{(2)} F_{f_1\alpha_1}^{(3)} F_{f_2\alpha_2}^{(3)} F_{f_3\alpha_3}^{(3)}$$

$$\frac{dy_c}{dF_{f_3f_2f_1\alpha_3}^{(2)}} = \sum_{f_3} \sum_{f_2} \sum_{f_1} F_{cf_3f_2f_1}^{(1)} \sum_{\alpha_3} \sum_{\alpha_2} \sum_{\alpha_1} F_{f_3f_2f_1\alpha_3\alpha_2\alpha_1}^{(2)} F_{f_1\alpha_1}^{(3)} F_{f_2\alpha_2}^{(3)} F_{f_3\alpha_3}^{(3)}$$

$$\frac{dy_c}{dF_{f_2f_1\alpha_2}^{(3)}} = \sum_{f_3} \sum_{f_2} \sum_{f_1} F_{cf_3f_2f_1}^{(1)} \sum_{\alpha_3} \sum_{\alpha_2} \sum_{\alpha_1} F_{f_3f_2f_1\alpha_3\alpha_2\alpha_1}^{(2)} F_{f_1\alpha_1}^{(3)} F_{f_2\alpha_2}^{(3)} F_{f_3\alpha_3}^{(3)}$$

$$\frac{dy_c}{dF_{f_1\alpha_1}^{(3)}} = \sum_{f_3} \sum_{f_2} \sum_{f_1} F_{cf_3f_2f_1}^{(1)} \sum_{\alpha_3} \sum_{\alpha_2} \sum_{\alpha_1} F_{f_3f_2f_1\alpha_3\alpha_2\alpha_1}^{(2)} F_{f_1\alpha_1}^{(3)} F_{f_2\alpha_2}^{(3)} F_{f_3\alpha_3}^{(3)}$$



the right layer of the deep convolutional network successfully work as the best model. The early visual areas (V1 and V2) are best explained by GWP. The early visual areas (V1 and V2) are best explained by GWP. The early visual areas (V1 and V2) are best explained by GWP.

$\begin{matrix} \text{M} \\ \text{W} \\ \text{L} \\ \text{X} \end{matrix}$