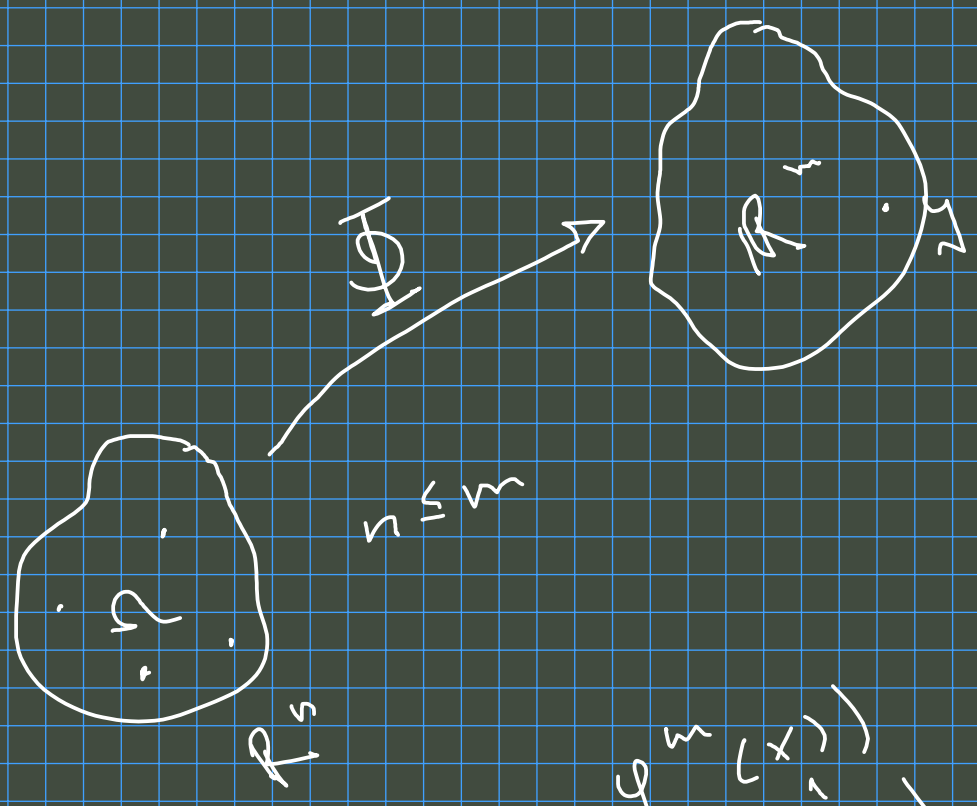
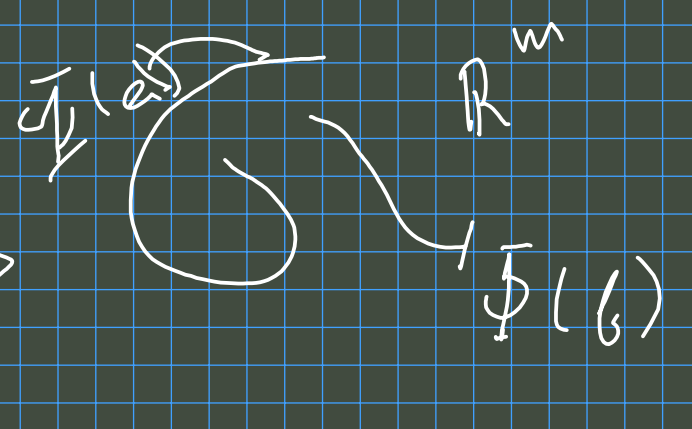


$$D\Phi(x) = \begin{pmatrix} \frac{\partial \varphi^1}{\partial x_1}(x) & \cdots & \frac{\partial \varphi^m}{\partial x_1}(x) \\ \frac{\partial \varphi^1}{\partial x_1} & \cdots & \frac{\partial \varphi^1}{\partial x_n} \\ \vdots & & \vdots \\ \frac{\partial \varphi^m}{\partial x_1} & \cdots & \frac{\partial \varphi^m}{\partial x_n} \end{pmatrix}$$

$$D\Phi_{(x)} =$$



$$D\varphi \circ D\Phi = (\varphi'_1, \ldots, \varphi'_m) \cdot \begin{pmatrix} \varphi'_1 \\ \vdots \\ \varphi'_n \end{pmatrix}$$