$$x = x^{(0)} \xrightarrow{\qquad \qquad } x^{(1)} \xrightarrow{\qquad \qquad } x^{(2)} \xrightarrow{\qquad \qquad } \cdots \xrightarrow{\qquad \qquad } x^{(j)}$$

$$d^{(1)} \xrightarrow{\qquad \qquad } d^{(2)} \xrightarrow{\qquad \qquad } d^{(j)}$$