Figure 1: Decoder.

$$G^{(3,4)} = I^{(3,4)} \tag{1a}$$

$$I^{(3,4)} = Y^{(3,4)} \tag{1b}$$

1

$$Y^{(3,4)} = B^{(3,4)}, a^{(3,4)} \tag{1c}$$

$$B^{(3,4)} = a^{(3,4)} \tag{1d}$$

$$j^{(3,4)} = O^{(3,4)}, a^{(3,4)} \tag{1e}$$

$$O^{(3,4)} = q^{(3,4)}, v^{(3,4)}, a^{(3,4)} \tag{1f}$$

$$a^{(3,4)} = o^{(3,4)}, p^{(3,4)} \tag{1g}$$

$$o^{(3,4)} = Q^{(3,4)}, K^{(3,4)}, V^{(3,4)} \tag{1h}$$

$$Q^{(3,4)} = p^{(3,4)} \tag{1i}$$

$$K^{(3,4)} = p^{(3,4)} \tag{1j}$$

$$V^{(3,4)} = p^{(3,4)} \tag{1k}$$

$$p^{(3,4)} = R^{(3,4)} \tag{1l}$$

$$R^{(3,4)} = \tag{1m}$$

$$q^{(3,4)} = \tag{1n}$$

$$v^{(3,4)} = \tag{1o}$$