$$P_{XY}(x,y) \cdot \frac{3}{4} \underbrace{1}_{0} \underbrace{0}_{y} \underbrace{0}_{z} + x^{2}_{z}, \underbrace{0}_{z} \underbrace{x}_{z} + 1)$$

$$= \underbrace{P_{XY}(x,y)}_{0} \cdot \underbrace{\frac{3}{4}}_{x}(x) \cdot \underbrace{\frac{3}{4}}_{y}(1 + x^{2}_{z}) \underbrace{1}_{0} \underbrace{0}_{z} \underbrace{x}_{z} + 1)$$

$$= \underbrace{P_{XY}(x,y)}_{0} \cdot \underbrace{\frac{1}{4}}_{x} \cdot \underbrace{\frac{3}{4}}_{x}(1 + x^{2}_{z}) \underbrace{1}_{0} \underbrace{0}_{z} \underbrace{x}_{z} + 1)$$

$$= \underbrace{P_{XY}(x,y)}_{0} \cdot \underbrace{\frac{1}{4}}_{z} \cdot \underbrace{\frac{3}{4}}_{z}(x + x^{3}_{z}) \underbrace{1}_{0} \cdot \underbrace{\frac{3}{4}}_{z} \cdot \underbrace{\frac{1}{4}}_{z} \cdot$$