



$$X = \begin{cases} 1 \\ 2 \\ 6 \end{cases} \quad \begin{array}{l} \text{z.p. } 1/3 \\ \text{z.p. } 1/3 \\ \text{z.p. } 1/3 \end{array}$$

$$L(X-D) = |X-D|$$

$$\text{Me } X = 2$$

$$R(2) \stackrel{\text{D. opt.}}{=} |1-2| \cdot \frac{1}{3} + \cancel{|2-2| \cdot \frac{1}{3}} + |6-2| \cdot \frac{1}{3} =$$

$$= 1.66\bar{2}$$

$$L(X-D) = (X-D)^2$$

$$E[X] = 1 \cdot \frac{1}{3} + 2 \cdot \frac{1}{3} + 6 \cdot \frac{1}{3} = 3 \stackrel{\text{D. opt.}}{=}$$

$$1\bar{2}$$

$$1\bar{2}$$

$$9\bar{0}$$

$$R(3) = \frac{1}{3}(1-3)^2 + \frac{1}{3}(2-3)^2 + \frac{1}{3}(3-6)^2 = \frac{13}{3} = 4.3\bar{3}$$

$$L(X,D) = -\sqrt{X-D}$$