- $X: \{1,2,...6\} \rightarrow \{2,3,...6\}$

- [60L]

 $=4.3=\frac{13}{3}$ 

6037

 $P_{X^{2}} \begin{cases} \frac{2}{6}, & X = 6 \\ \frac{1}{6}, & X \in \{2, 3, 4, 5\} \end{cases}$ 

 $EX = 6\frac{2}{6} + \frac{1}{6} \cdot (2 + 3 + 4 + 5) = 2 + \frac{14}{6} = \frac{12 + 14}{6} = \frac$ 

 $\int_{X} (x) = \frac{2x}{a^2} \quad 0 \le x \le 9$ 

 $EX = \int x \cdot \frac{2x}{a^2} dx = \left| \frac{2 \cdot x^3}{a^2 \cdot 3} = \frac{2 \cdot a}{3} \right|$ 

[609]
$$D(X) = \sqrt{V(X)} = \sqrt{81} = 9$$

$$R(X) = \frac{D(X)}{V(X)} = \frac{9}{81} = \frac{1}{9}$$
610

$$R(x) = \frac{D(x)}{V(x)} = \frac{9}{81} = \frac{1}{9}$$

$$\frac{10}{\sqrt{x}} = \sqrt{x} = 3x$$

$$E(X) = \int x \cdot 3x^{-1} dx = 3 \times \frac{-2}{3}$$

$$\frac{3}{2}$$

 $V(x) = 3 - \left(\frac{3}{2}\right)^2 = \frac{3}{9}$ 

$$V(X) = F(X^2) - (EX)^2$$

 $E(X^2) = \int x^2 3 x^4 dx =$ 

3 X

