





+ 2013. 5.22.

 $V(X) = E(X-m)^2$ 

= (x,-m)2 P1+... + (x,-m)2 Pu

X11X2:不自率变量文

 $\begin{cases} E(\alpha X_1) - \alpha E(X_1) + E(X_2) \end{cases}$ 

 $V(x) = E((x-m)^2)$   $= E(x-2mx+m^2)$ 

= E(X2) + E(-2mx) + E(m2)

=  $E(X^2) - 2m E(X) + m^2$ =  $E(X^2) - 2E(X)^2 + E(X)^2 = (E(X^2) - E(X)^2$ 

W=E(X)

M=E(X) M = E(X)

5