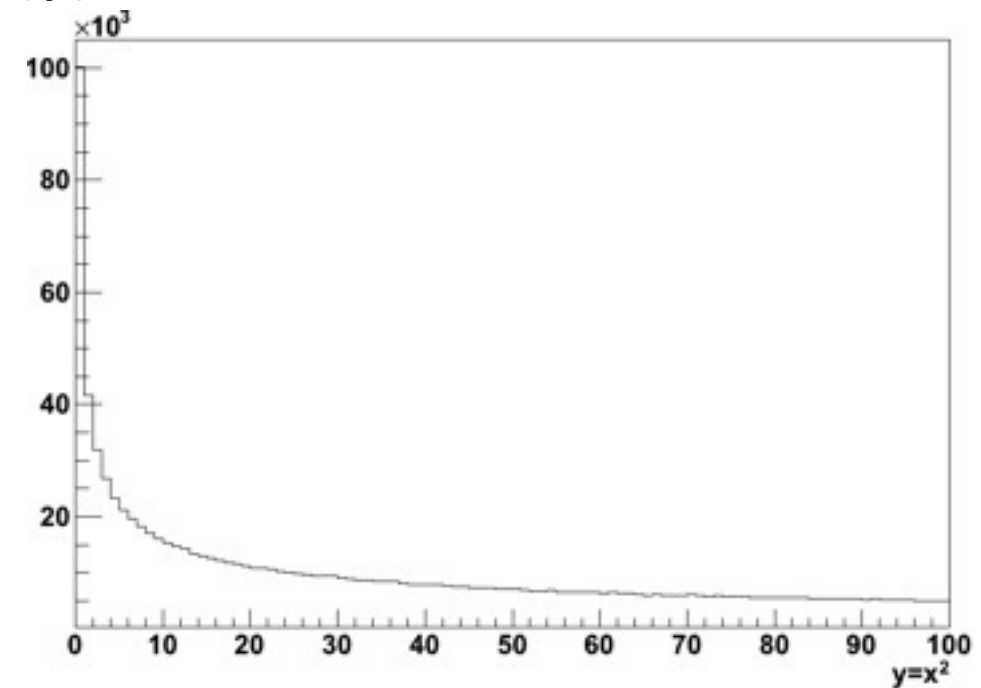
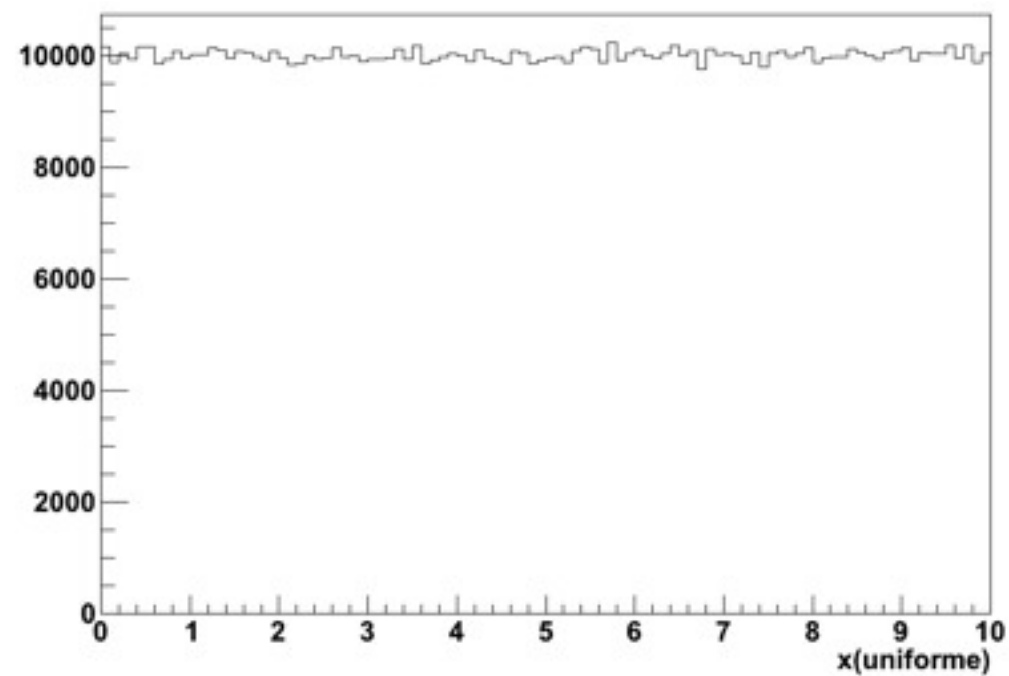
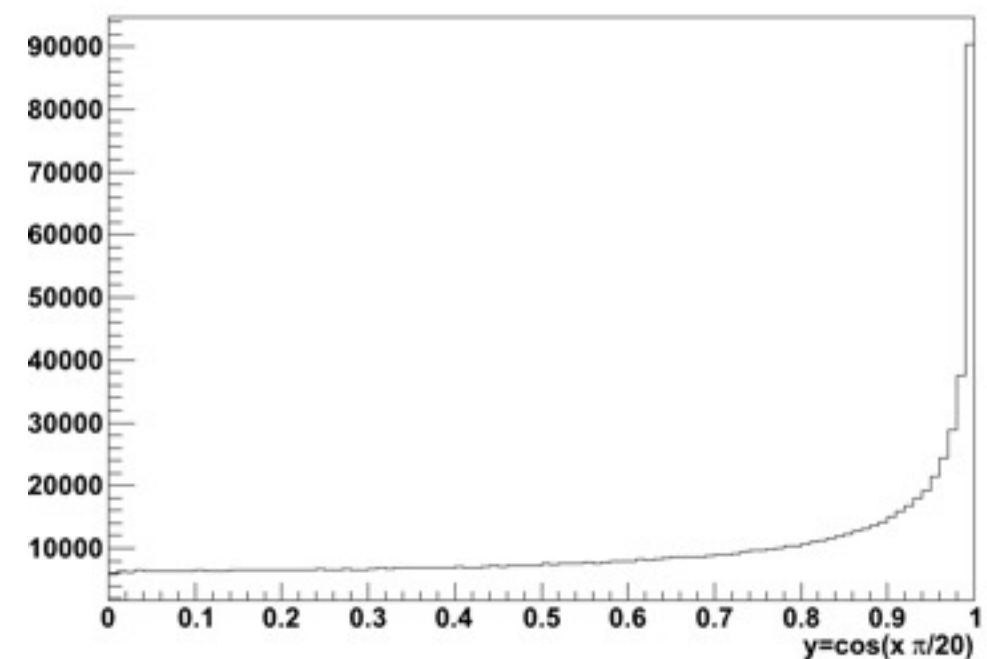
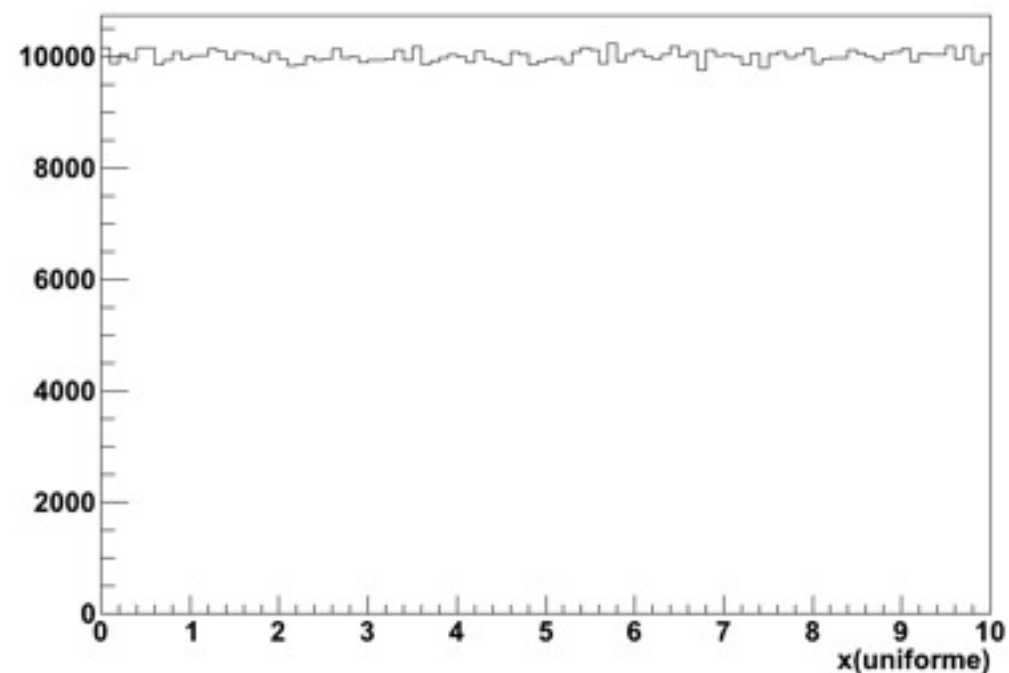


FUNZIONI DI VARIABILI CASUALI

da piatta a $y=x^2$. $f(y) \propto 1/\sqrt{y}$



da piatta a $y=\cos(x)$. $f(y) \propto 1/\sqrt{1-y^2}$



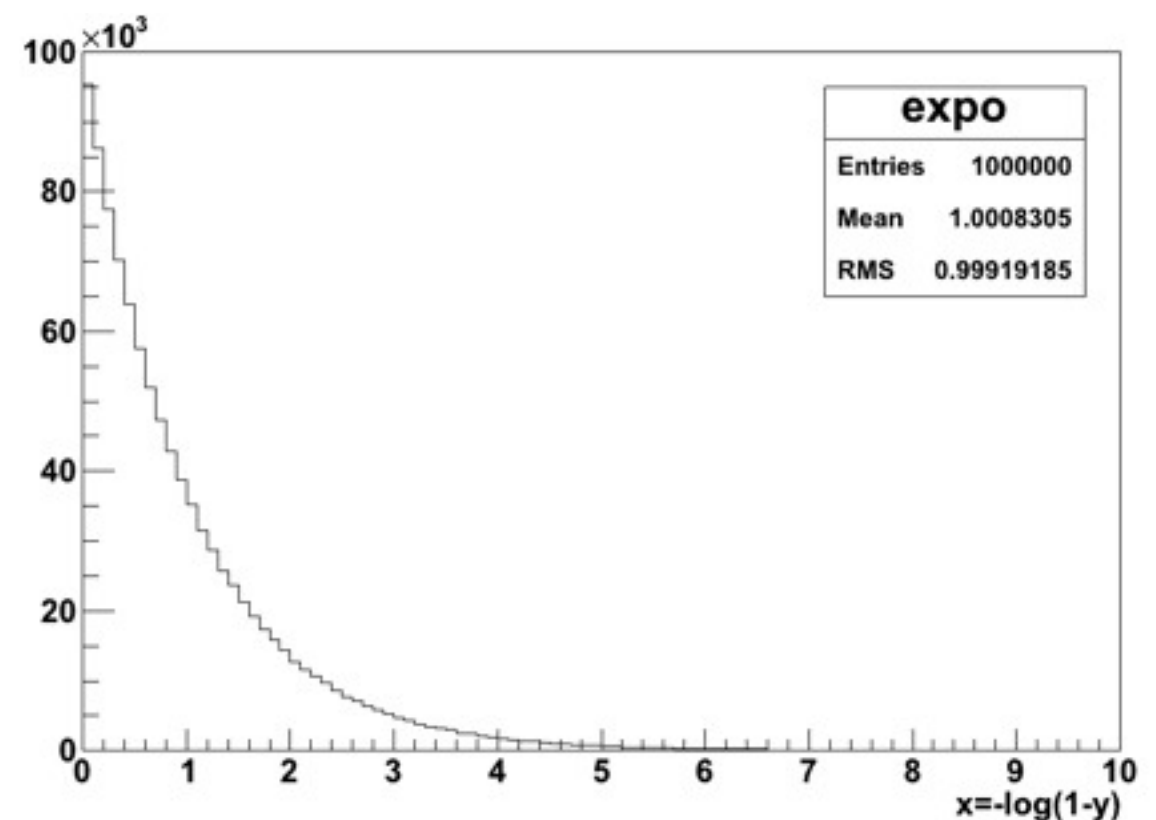
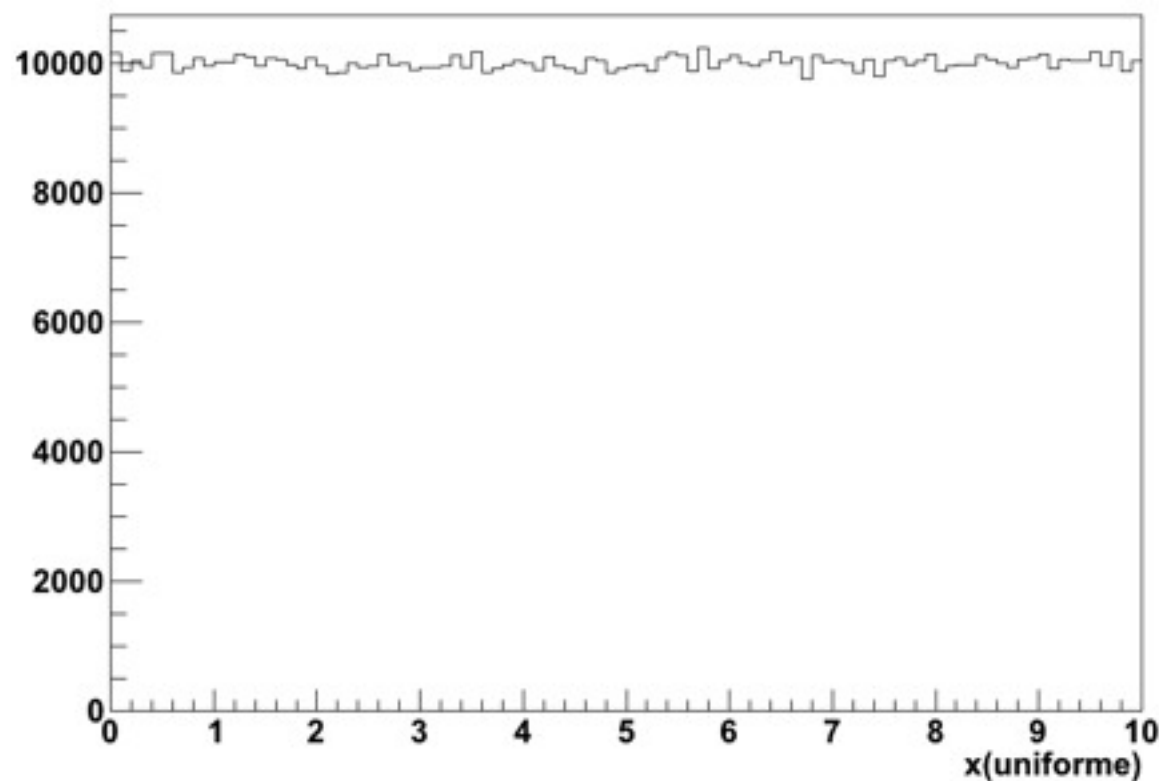
GENERARE DISTRIBUZIONE DA CUMULATIVA

- Esempio dell' esponenziale. Si parte da cumulativa dell' esponenziale

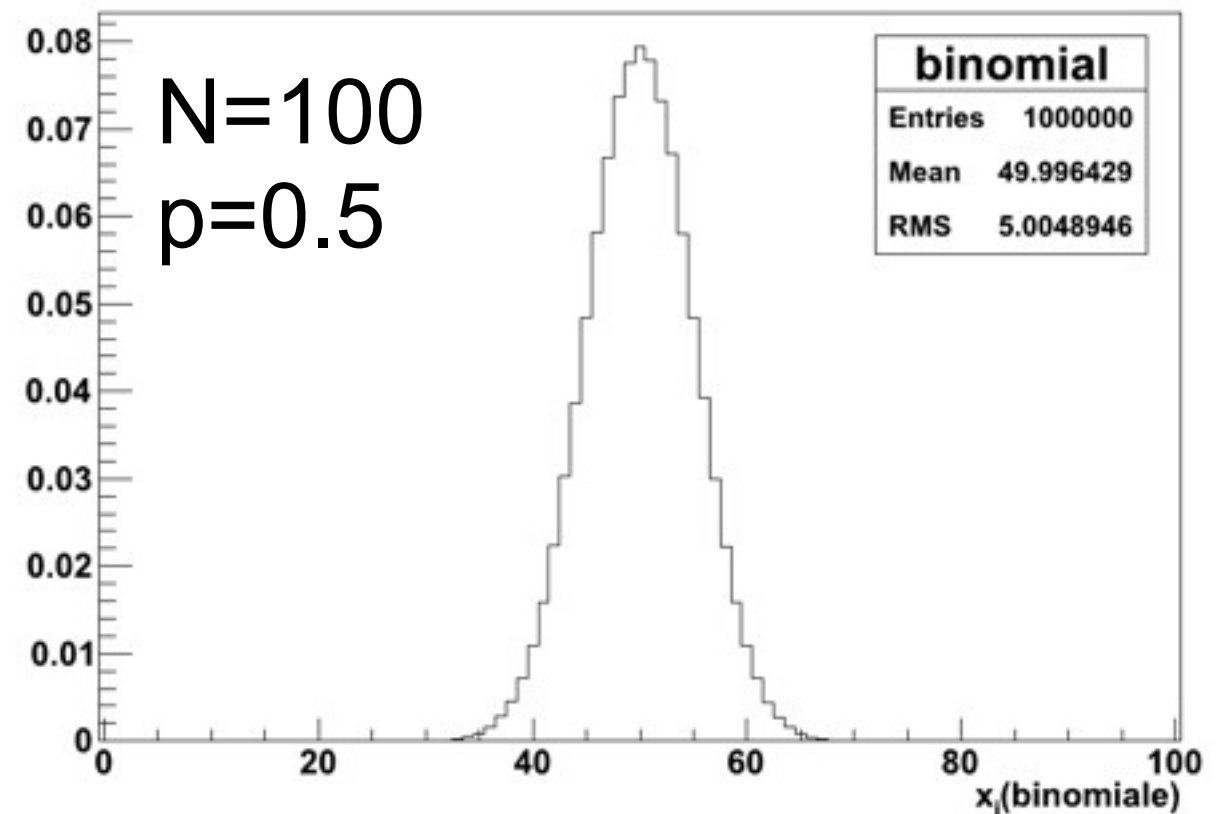
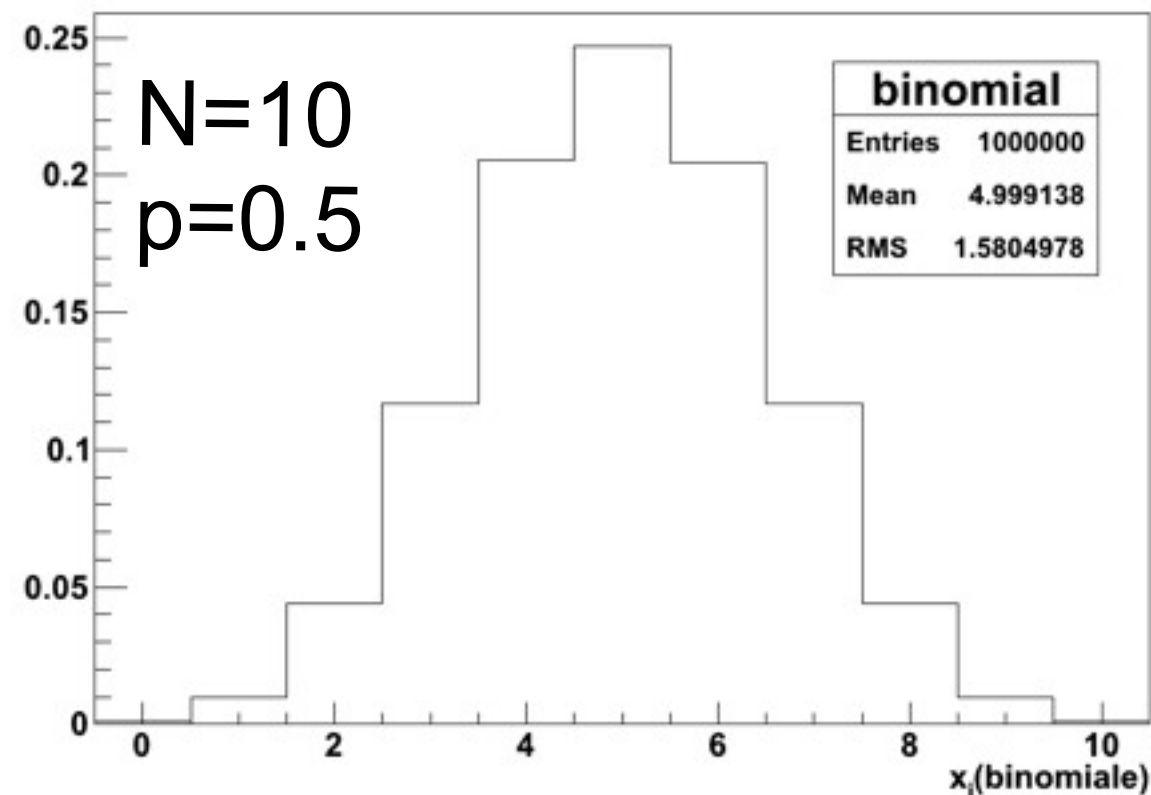
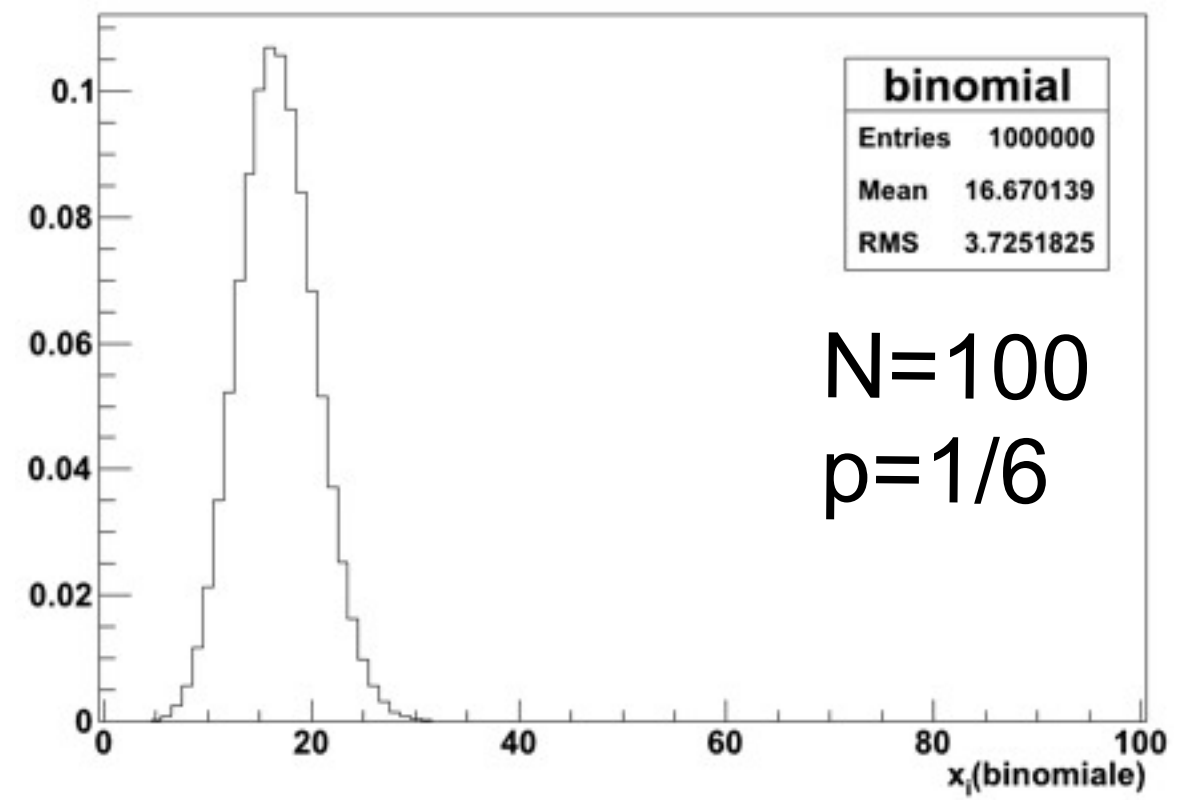
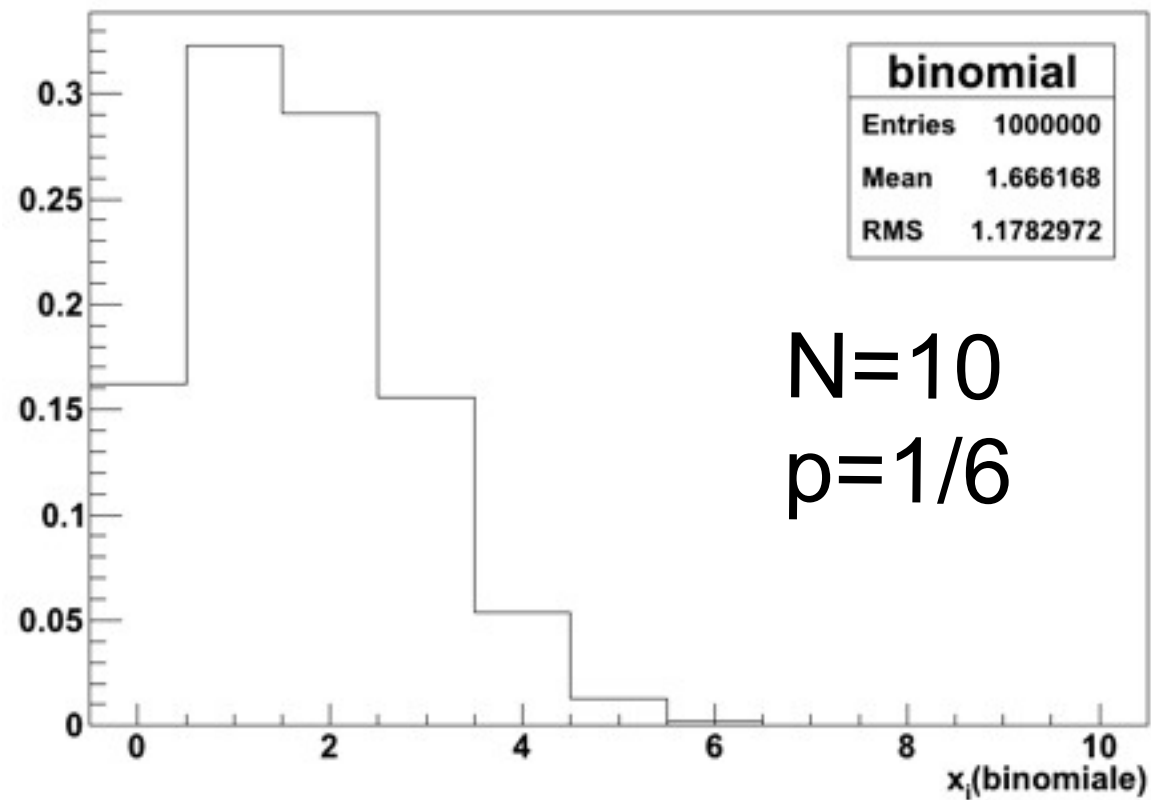
$$F(x) = \int_0^x e^{-y} dy = (1 - e^{-x})$$

- La cumulativa e' generata piatta

- Si inverte $x = -\log(1 - F)$



ALCUNI ESEMPI DI BINOMIALE



BINOMIALE TENDE A POISSON

