

$$= k \int_{0}^{1} \chi^{2} - \frac{\chi^{2}}{2} du = k \int_{0}^{1} h^{2} du$$

$$1 = \frac{k}{2} \frac{x^3}{3} = 1 = \frac{k}{6} = \frac{k}{6}$$

$$= \int_{0}^{1} dx_{1}y dx$$

$$= \int_{0}^{1} 6(x-y) dx$$

$$= 6\left(\frac{x^{2}}{2} - xy\right)^{1/2} = 6\left(\frac{1}{2} - y\right)$$

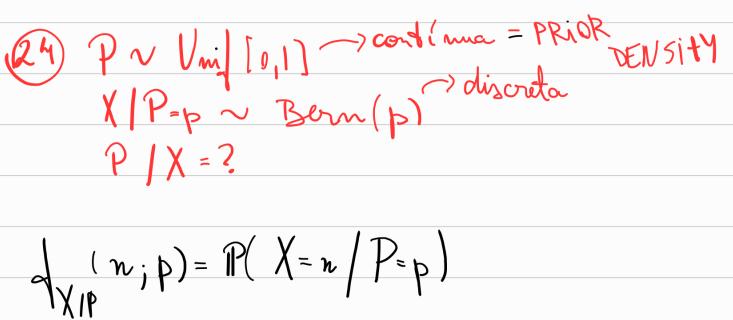
$$= 3 - 6y$$

$$\frac{d}{dy/\chi} \left(y; n \right) = \frac{1}{\chi, y} \left(n, y \right) / \frac{1}{\chi} (n)$$

$$= \frac{6(h-y)}{3n^2} = \frac{2h-y}{n^2} = \frac{2-2y}{n}$$

$$\frac{1}{1} \frac{(x,y)}{2} = \frac{1}{1} \frac{(x,y)}{2} \frac{1}{1} \frac{(y)}{2}$$

$$= \frac{6(x-y)}{3-6y}$$



$$\frac{1}{2}(n;p) = \mathbb{P}(X=n/P=p)$$

$$= p^{n}(1-p)^{n}, n \in 30, 13$$

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= $4x_1p(x_1, p)$ -falto a

marginal de X 4 / (b: K) =

$$\frac{d}{dx} = \int_{c}^{x} \int_{c}^{1-k} \frac{dy}{dx} = \int_{c}^{1-k} \int_{c}^{1-k} \frac{dy}{(x+1)} \int_{c}^{1-k} \frac{dy}{(x-1)} = \int_{c}^{1-k} \int_{c}^{1-k} \frac{dy}{(x-1)} = \int_{c}^$$

Beta tunction $\int_{0}^{a-1} (1-p)^{b-1} dp = \int_{0}^{a} (a) \int_{0}^{a} (b)$ When $k \in \mathbb{N}$, $\int_{0}^{a} (n) = [m-1]!$ $\int_{0}^{a} (n) = \int_{0}^{a} (n+1) \int_{0}^{a} (2-n) = n! (2-n-1)!$

 $\frac{1}{1}(n) = \frac{1}{1}(n+1) \frac{1}{1}(2-n) = \frac{n!}{3!} \frac{(2-n-1)!}{3!}$ $= \frac{n!}{3!} \frac{(1-n)!}{3!}$

 $4^{D1}(b,y) = 4^{Xb}(x,b)$