Manvenantirecus granbane

X e MCB, MD $EX = \int_{-\infty}^{+\infty} x \int_{X} |x| dx$, and $\int_{-\infty}^{+\infty} \int_{X} |x| |x| dx < \infty$ X e quant on her $fX = \sum_{i} x_{i} p_{i}$ -f(x) = cf(x) = cxy = g(x)

- f c X = c f X g(x) = c X $f Y = \int_{Y} f Y(y) dy$ - ∞

E[X+Y] = EX + EY -EXY = EX + EY

gt, uso fry = fx (hy) h'y) h (y) = g-1/y) $Y = g(x), upo \quad EY = Eg(x) =$ $= \int_{-\infty}^{\infty} (x) f(x) dx, upgendo g = 0$