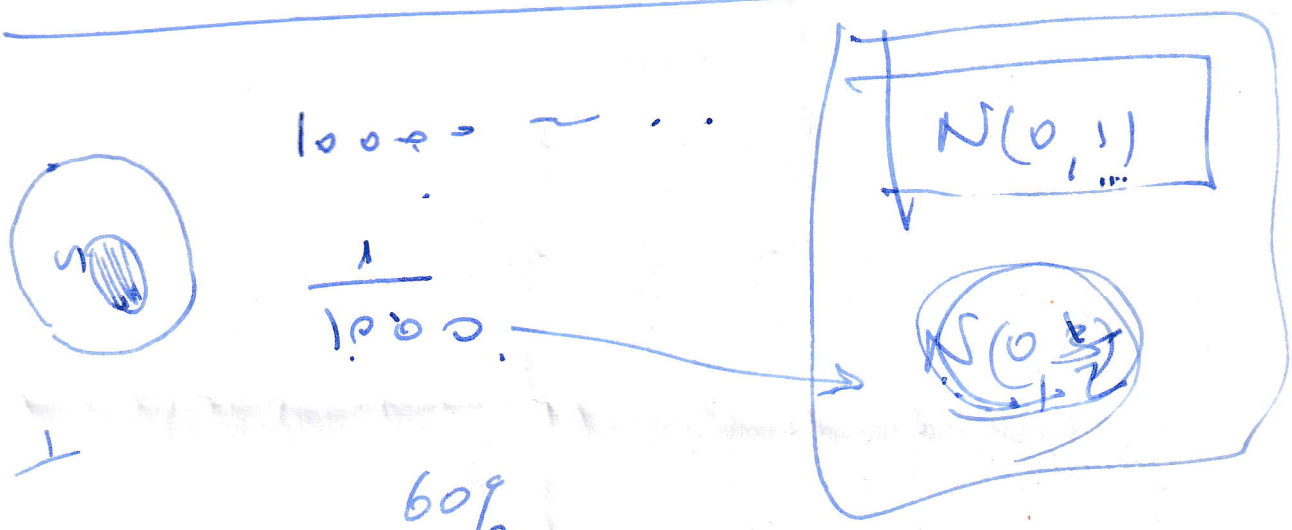
$\geq 1-\alpha$ w.h.p.

$$P(FDP(S) \leq B(S)) \left\{ t \mid fdr \geq c \right\}$$

$$P\left(\frac{V}{|S|} \geq \cdot\right) \cdot P(S) \int_{t \geq c} fdr(t) = 2 \cdot FDR$$



60%

$FDR \leq q$

$P\left(\frac{V}{R} \leq \alpha\right) > 1-q$