Ho: 30 E Do 3

het dahn X,,..., X, ~ Fo

Given RER', rejent Ho it (X1, ...; Xn) ER

usually: R= {(x1,...,xn): T(x1,...,xn)> c }

for some T:R">R, CER

$h \cdot Ga$	_
Time I	•
DE (4)° Type II correct	•

$$E_{X}: X_{1},...,X_{n} \sim \mathcal{N}(\mu,1)$$

$$(H) = \{ m < 0, 3 \}$$

$$R = \left\{ (x_1, \dots, x_n) : \frac{x_1 + \dots + x_n}{n} : z \in \right\}$$

$$\frac{E \times R}{R} = \frac{3(x_1, \dots, x_n)}{R} = \frac{2^{n-1}(+\infty)}{\pi} = \frac{2^{n-1}(+\infty)}{\pi}$$

$$P = int : \frac{x_{j+\cdots+x_{m}}}{n} > \frac{\overline{D}(-\alpha)}{\sqrt{n}}$$

$$= \frac{1}{N} \cdot \frac{1}{N} = \frac{1}{\sqrt{1-\kappa}}$$

.

$$= \prod_{i=1}^{n} \prod_{j=1}^{n} \left(\prod_{i=1}^{n} \left(\overline{X}_{i}^{N} \right) \right)$$

$$\overline{\Phi}(x)$$