

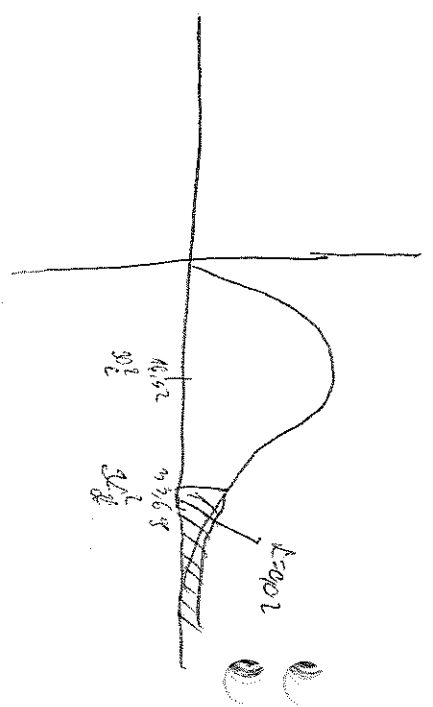
Quantitative process parameters Average production rate maintenance
 do printing and maintenance i always supply paper 1000 m.
 2 eddy beam stretching ~ 500 m, by other water's etc

$\bar{x} = 1000$ m
 $s = 500$ m
 absolute part value mit 500 m
 not possible the absolute 0,02.

$\alpha = 0,02$
 $n = 20$

$H_0: E^2 = (550)^2$
 $H_1: E^2 > (550)^2$

$$\chi^2_{\alpha} = \frac{20 \cdot (500)^2}{(550)^2} = 16,52$$



$$\chi^2_{0,02; 19} = 23,69$$

Tabellwert Hypothese der wahrscheinl. streuung (prozess) p.

Denk mal $n > 30$ $n-d$ N

$H_0: p = p_0$
 $H_1: p \neq p_0$
 $H_2: p > p_0$
 $H_3: p < p_0$

$$T = \frac{\sum \frac{x}{m} - p_0}{\sqrt{\frac{p_0 \cdot q_0}{m}}}$$

$$p_0 + q_0 = 1$$