When applying Lem 4.2 in Thom 4.6

 $F(x) = P(x \le x)$ pun

grun

grun is cts. h is unnutitale with h' cts. $|f(x)| = P(h(x) \leq x) \quad \text{if } cts.$ prof: suppose that $X_n \to X_n$ then $P(\mu(X) \leq X_n) = H(X_n)$ $= p(x \leq h^{-1}(x_n)) = F(h^{-1}(x_n))$ $Y_{n} \rightarrow F(h^{2}(X))$ $Y_{n} \rightarrow K'(X) \rightarrow K'(X)$ isine x_0 rullworkte = $P(h(x) \leq x)$ los X = Tin al instection) xe A sp(x) ef(A) $h(x) \leq x$

⟨ x ← h (x) ∈ ? y: y ≤ x ?

⟨ x ← h (? y: y ≤ x ?)