Modor de Conseguera la Pr = f ( Robol: txex lu has = fa) (4) Robot ctp. 3E/p(E)=0, txeX: E la ha Go) = f(a) (3) Uniforme:  $\forall x \in X \forall \epsilon > 0 \exists N = N(\epsilon) / \forall n > N (l. G) - f(d) < \epsilon$ (4) Conveyence on none L'.

fu,  $f \in L'(d\mu) \forall n \in N$   $f \in L'(d\mu) \forall n \in N$   $f \in L'(d\mu) = 0$ J 1 h. fldpn

-Olas: Convogencia L' => Convogencia protocol

Litjanglo: f1 = X [0.1], f2 = X [0.12), f3 = X (1/2,1) fy = X [0,1/2), fo = X [1/4,1/2), .... fr= X[K/2", (kN)/2") pere nell, Kelo,1,-, 2"-11 No hey convoyence provid en myon x ; tx th 3 Non /d(hca) + fuce) > 1/2 Sin embergo,  $\int_{X} \left| \frac{1}{2^{n} r^{k}} - \frac{1}{n} \right| = \frac{1}{2^{n} r^{k}} = \frac{1}{2^{n$ - s h - s O cornergence en nome L' - Obs: en le devo, de carpletitud de l' nomes je 8: h - f en name (1 >) Fifty Resident but ge for of publisher ctpx. - Obje : corregenere informe of corregence L1 15 Frencho: f = 1 / [27,2001] · lu h = 0 iniformente en holo R, pres  $\int_{\mathbb{R}} \left| \frac{\ln - 0}{2^{n}} \right| = \frac{1}{2^{n}} \left( 2^{n+1} - 2^{n} \right) = \frac{1}{2^{n}} 2^{n} \left( 2 - 1 \right) = 1$ 1h(2)-0) 5 1 mão

