	isthes tet mampe oilsoloopo.
	maximum likelihood i that maximum.
palangi	We observe "data"; x = <0,0,1,0,1,0)
· ·	acit soul
	Realization from a random process; assume
	a parametric model
1 :	PME
	F = iid Bernoulli = [p(x; A): + C +)
	$= \left\{ \begin{array}{ll} \theta^{\times}(1-\theta)^{1-\times} : \theta \in (0,1) \end{array} \right\}$
	PME
	$p(x) = p(x; \theta)$; constant θ needed to complete
= (10	probability (x +)
	$f(x) = f(x;a) = \sin(ax)$
1	(boodle hi - pol)
plls	We'domlike to learn about & (inference)
no Home	normal principality of the
Med	$p(x;\theta) = p(\langle 0,0,1,0,1,0\rangle;\theta) \stackrel{!}{=} (\theta^{\circ}(1-\theta)^{-\circ})(\theta^{\circ}(1-\theta)^{-\circ})$
777	$p(x;\theta) = p(\langle 0,0,1,0,1,0\rangle;\theta) \stackrel{!}{=} (\theta^{\circ}(1-\theta)^{-\circ}).(\theta^{\circ}(1-\theta)^{-\circ})$
	1=3
	What if 0=0.5 p(x;0) = 0.5° (1-05).
K-1 36-1	
1.63	What if 0 = 0.25 p(x; 0) = 0.25 (1-0.25) = 0.0198 =
	= 100198-c 3 (4) = x +0)
1 × - 1 / 1	celchood function probability"
	$\mathcal{L}(\theta; x) = p(x; \theta)$
	input input
	constant constant









