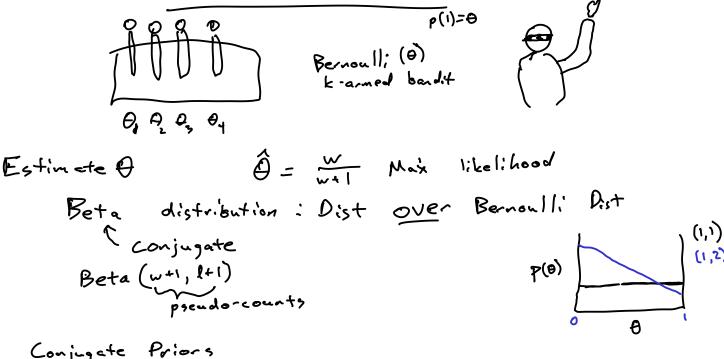


Same Vector

	Reinforcement	Learning	Machine Learning
Optimal Control Alleatory Unce No Learning		5, A, T, R Epistemic L Learning	Incertainty
Explicit T(s'(s,a)	Generative G(s,a,w)	Episodic	env,a)  Table rep.  of state  a  Return  = Ent  +=0
Algorithms with Guarantees Theorems Smaller Problem Grid World Ben Rech Alex Ir	Automonous  Driving  Cartoon  nt	- Conthuing  Tricks  Tricks  Opinions  Lenger Prob  Star Craft  Sengei Levine  people use RL	Classical RL Deep RL
	1. Don't Z. Proble	have a good mode m is so big nothin	g else can hendle
3 Challenges			
→ 1. Balancing Exp Z. Credit Assign 3. Generalization	ment P	Secretary Paring a Spoure 10 11- ng a House reject = 3	



Conjugate Priors

Normal

Dirichlet Distribution : Disribution over Categorical n-1 parameters