_ norr	levels of analysis native principle: 定义署署计算的问题 1规范性原则)
	orithm
•	plementation
•	imal Internal Model in Vi (2011 berkes)
	: Internal Models relotes neural activity => optimal
- Alg	orithm: Boyesia model of sensory cortical processing
	lementation: relating spotuneous & evoked
-1	
Ma	rkov Chain Monte Carlo : 121: sample distribution & desired distribution
	- Markov Chain: equilibrain distribution
Attontion	and Spatial Temperal Shared Variability
	Neuron Consider V
	harad Variability. A Newsons respond different Strength.
	tention modulation
	- Atpention - shared garrability.
	,
- Go	nstroints of civit model.
	low dimensional
	attention modulation
	attentional suppresion is substantial
· Sp	excially prolered network & correlation
•	19tth Slow inhibition
	balanced network.
	- recurrent inhibition VS strong excitation => Nenvon Variability
-	Spatial connectivity / disordered connectivity
,	·
	- inhibitory synaptic currents #5 excitatory currents 5 slower kinetic

· Attentional Mudul				
• 3 levels - M7				
- <i>V</i> ₁				
- Thalamns L Poisson Pucess)				
- first constraint				
=> inhibition x faster				
x ananomically broads				
· Spationtemperal Patter Formation				
-? recurrent circuit & shared viar				
- Firing rate model				
- spiking network model				
- firing rates variable: Spatio temperal pottern formation				
- temporal & spatial scales of inhibition				
- Stability, variability				
- attention: depolarization to inhibitory neurons				
- increase firing race stabiling				
- predicts: variability: dynamical instability				
J				
· Internal Generated Variability => Attention				
· Spiking Neuron Model				
· Chartic population wide dynamics				
- Attended: low variability, corelation of VI & MT				
- Unortended: high variability				
- inhibition deprived stare				
· Discussion				
· External Modulation?				
- Aronsal aronsad train state				
- Top-down projections. Bottom-Up.				
V, & V2 V3				
- operating print of recurrent network				
v v				

The Henral Basis of Decision Making
· Element of Deusion
·
DV: - probability: Bayesian Interference
- evidence: conditional probability
- value: costs & benefits
Time. ?
Time ? • Pecusion Pule:
- value : support or oppose hypothesis
•
- embodiment: persne a resultant action
· Signal Detection Theory CSDT)
· Evidence -> Caregorical Choice.
Senses or neuron spike
· binary decision biner = Plelbil/Prelbr) Liz * \$
· Accuracy \$21 · Maximize value \$= (V11+V12) Pcb2) S: 松北地 身.
Maximize value (= (V11+V12) Pabl) 9: 10 to the first could
· Sequential Arelysis
·
· Evidence + Time to sup or commit
Multiple evidences: Ly LR = \(\frac{P(ei1bi)}{P(ei1bi)} \)
to Pier Ibu)
· stoping rule
- positivie/agovine criterion
- SPR7 (Sequential Probability Routio Test)
· random walk model
· e is log2R; e is gaussion distribution => diffusion with M
· Experiment
· VTF: Vibrotactile frequency
- SI: X present DV

5	
sensory evidence	
- MPC: f2-f1	
sign ?	
- challenge:	
- rules of each brain over: seperate? continuous flow?	
- rules of each brain over: seperate? continuous flow? - decision elements: memory? delay activity? 27 f, fr	eguena V
· Pandom - dot motion	
Korl Friston - Free Energy Principle	
The there's inner c	
数值计算。	
• •	
Neura Ll Dynamics	
Nenrall Dynamics.	
Leoly - Integral Fire. 22 LIF	
The state of the s	4)
F Stelzer. DWN a style nou	الرويرا
ν 2 2	
f. 76 \$	

Brains can inspire new path:?	
•	
mech	amine - modulated
neo-Hobbian PL Ein-	trinsic motivations)
Nodel - Cell Assemblies (CA) Neo Hebbian	Peinforcement Learning
" 精代函数:	
· Atlention - SSVEP 连接性.	
* A的技术· - (HCP) HCP ex	
· ANW ~ SNN 转拍 CIFAR 100	
数据分类 办 回版的集唱。2022.12	Criteria
· Model Selevin . GA Akiaiken's Informa	
·AEE 预测 写成距离	
Abide ABIDE	

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精为: CSP	· 名為物制 No · ASP
[为漢]	Ancism Spectrum
	Pisorder
Gustavo Deco :	
· The Pynamic Brain: From	Spiking Nenvons to Neural Masses and Control field
· How Local Excitation - Inhibition	Ratio Impacts the Whole Brain Pynamics
· long runge correlation · · inera - area correla	Short range correlation
· FIC - local rogrlation mechanis	
·Large scale corrical dynam	nic mean field model