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## Dynamical Synapses in Retinal Surprise coding

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► **To cite this version:**

Thomas Buffet, Semihchan Sermet, Olivier Marre, Bruno Cessac, Simone Bertoli. Dynamical Synapses in Retinal Surprise coding. ICMNS 2022 - 2022 International Conference on Mathematical Neuroscience, Jul 2022, online, France. . hal-03716437

**HAL Id: hal-03716437**

**<https://inria.hal.science/hal-03716437v1>**

Submitted on 7 Jul 2022

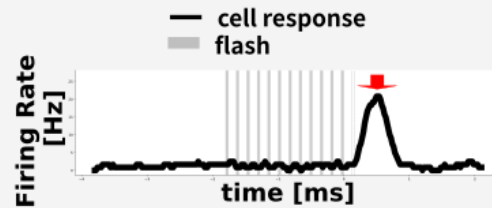
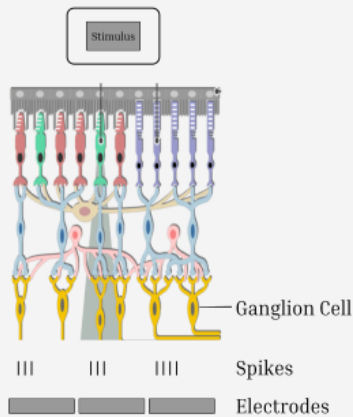
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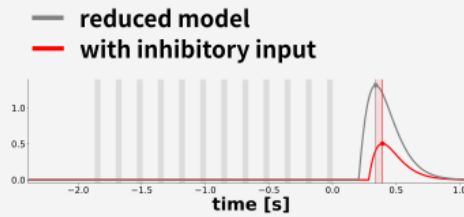
## Experiments



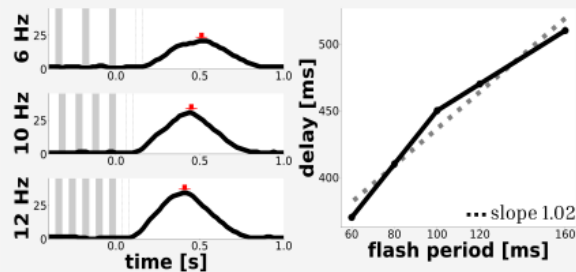
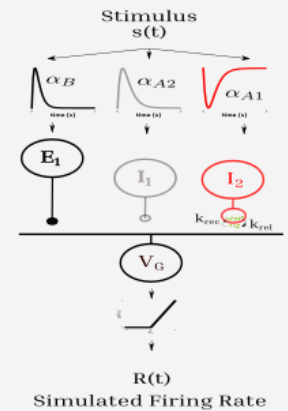
## Simulations



**1)** RGCs signal unexpected deviations



**3)** short-term plasticity shapes expectations based on recent stimulus history



**2)** they form precise temporal expectations

