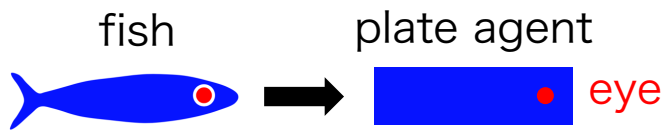


# Selective decision making and collective motion of fish via visual attention

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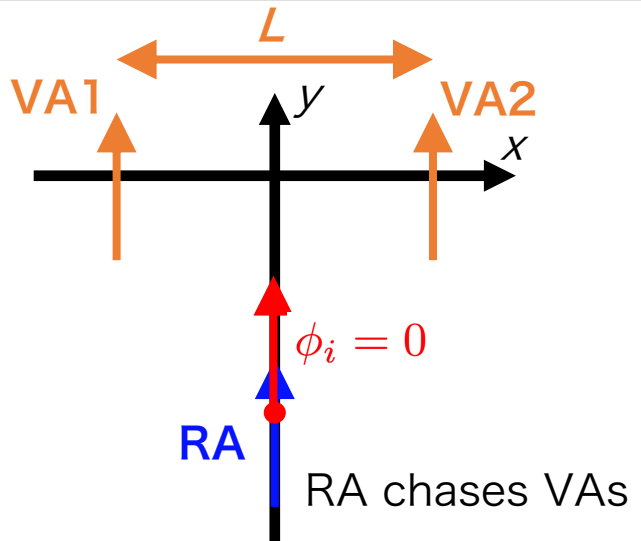
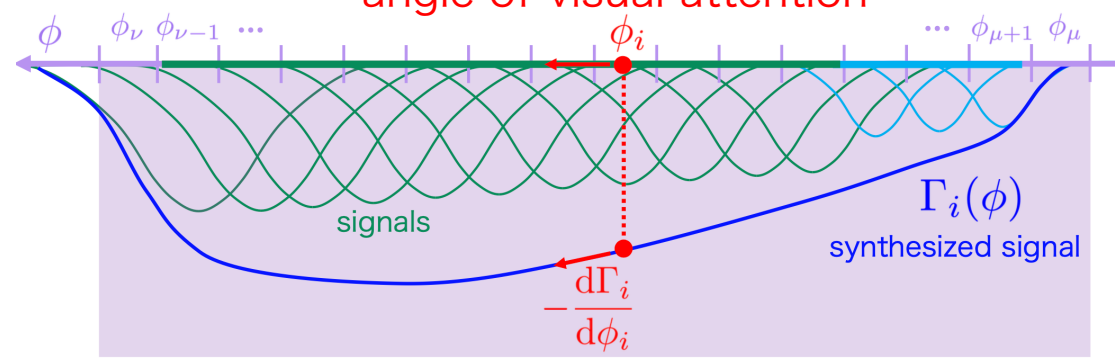
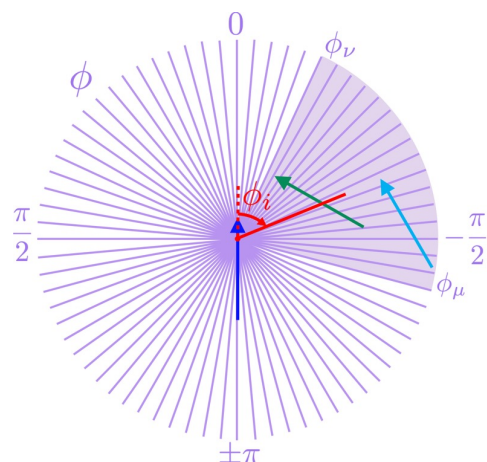
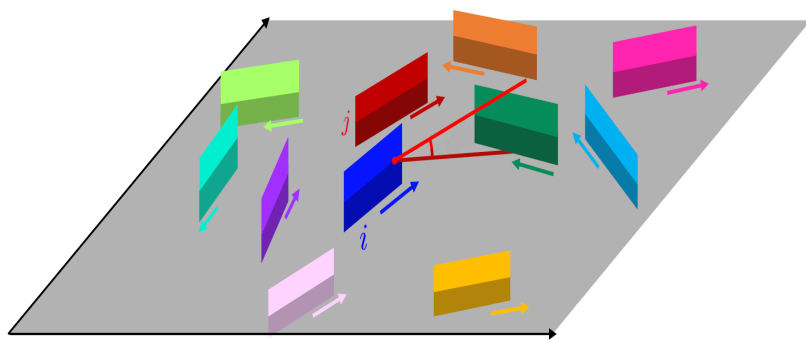
the number of bins corresponds to that of ganglion cells

a signal is created on a bin

$$\Gamma_i(\phi) = \text{sum of signals}$$

angle of visual attention

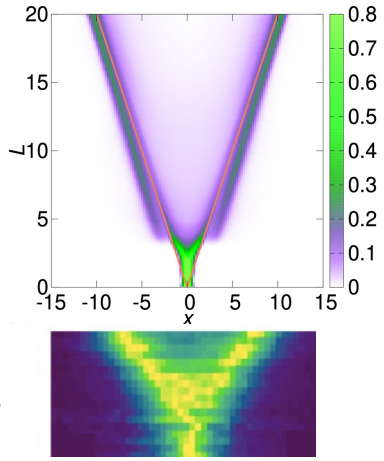
agents move in 2D plane



probability distribution for  $L$  and  $x$

two VAs

model  
exp.



three VAs

