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Laurent Perrin-Montreal And Nicolas, Dec 13th, 2025-Montreal, Québec

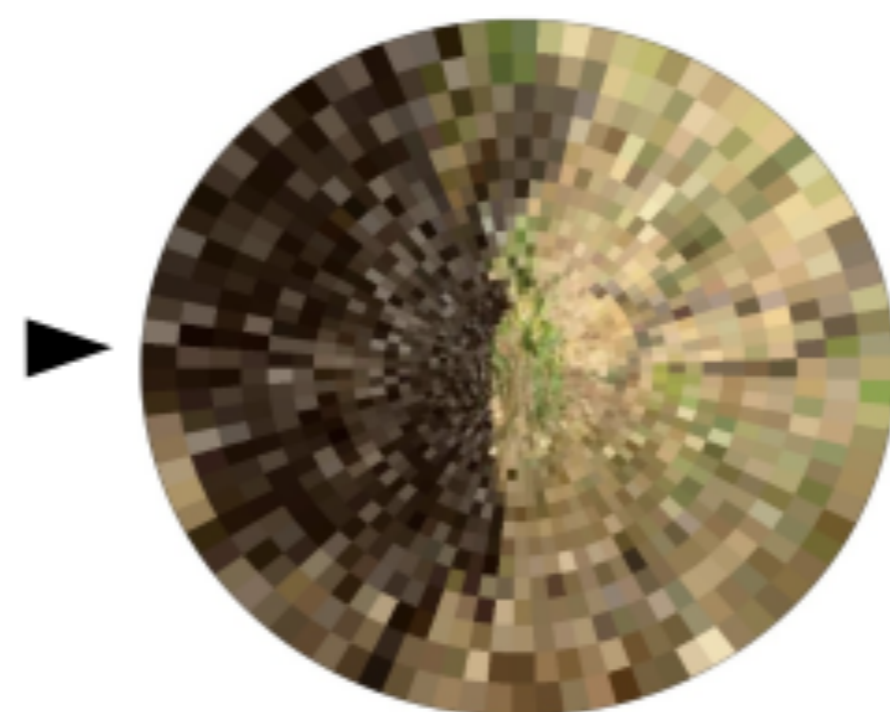


From seeing to looking: the halfway

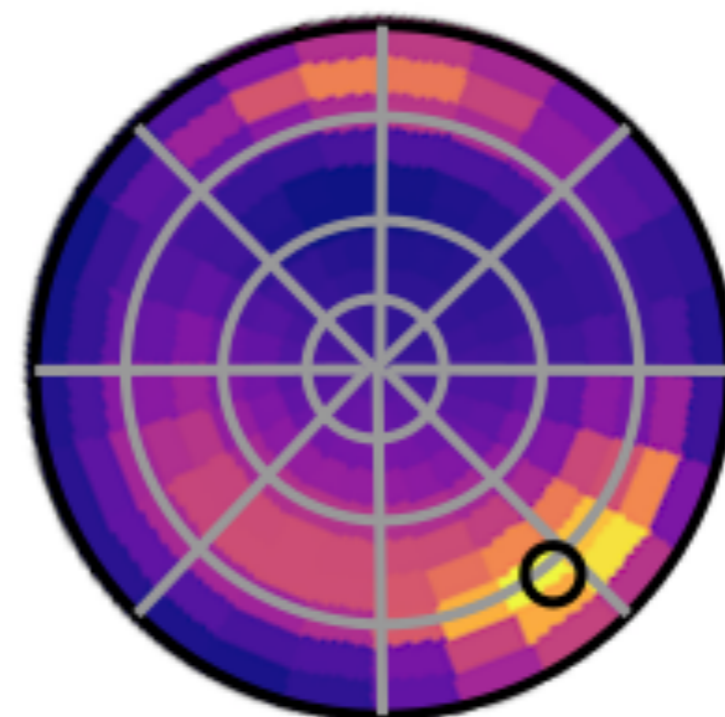
(A)
Large display



(B)
Log-polar input

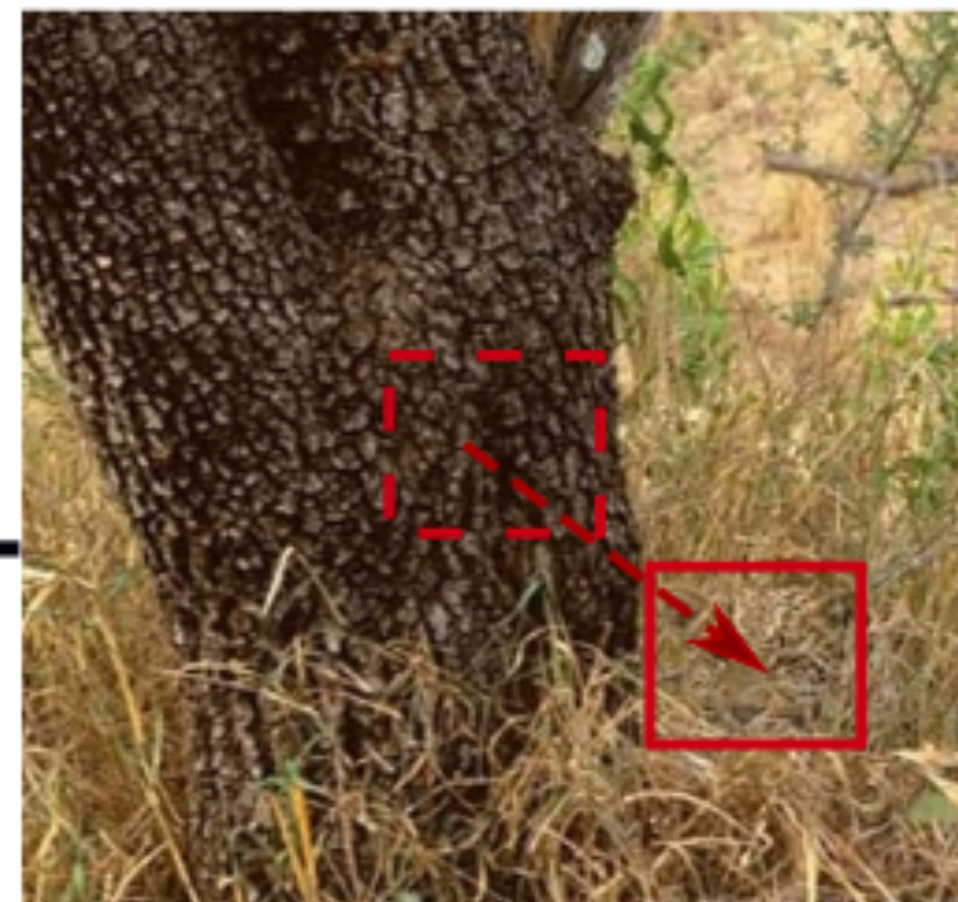


(C)
Likelihood map

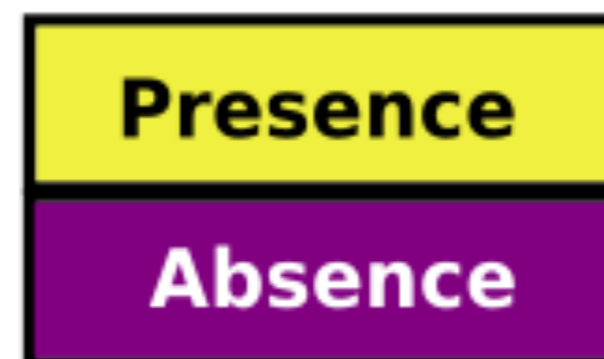


Peripheral
pathway

(D)
Saccade system



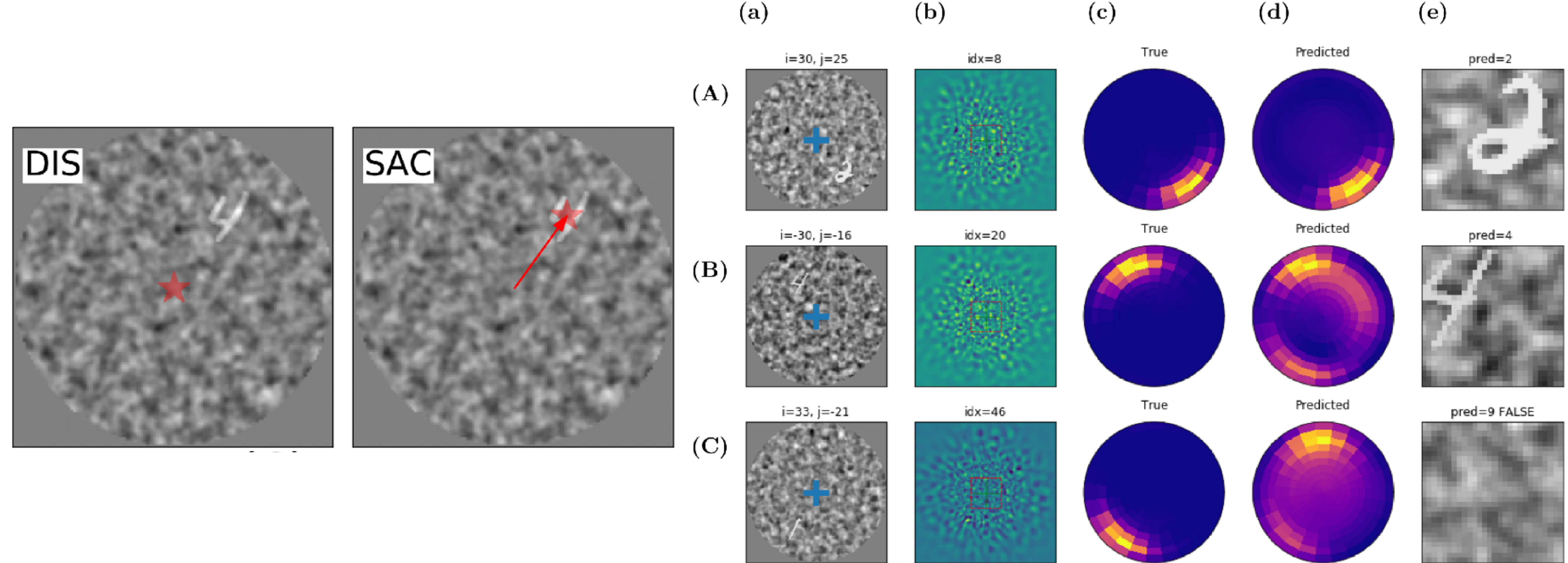
(E)
Foveal input



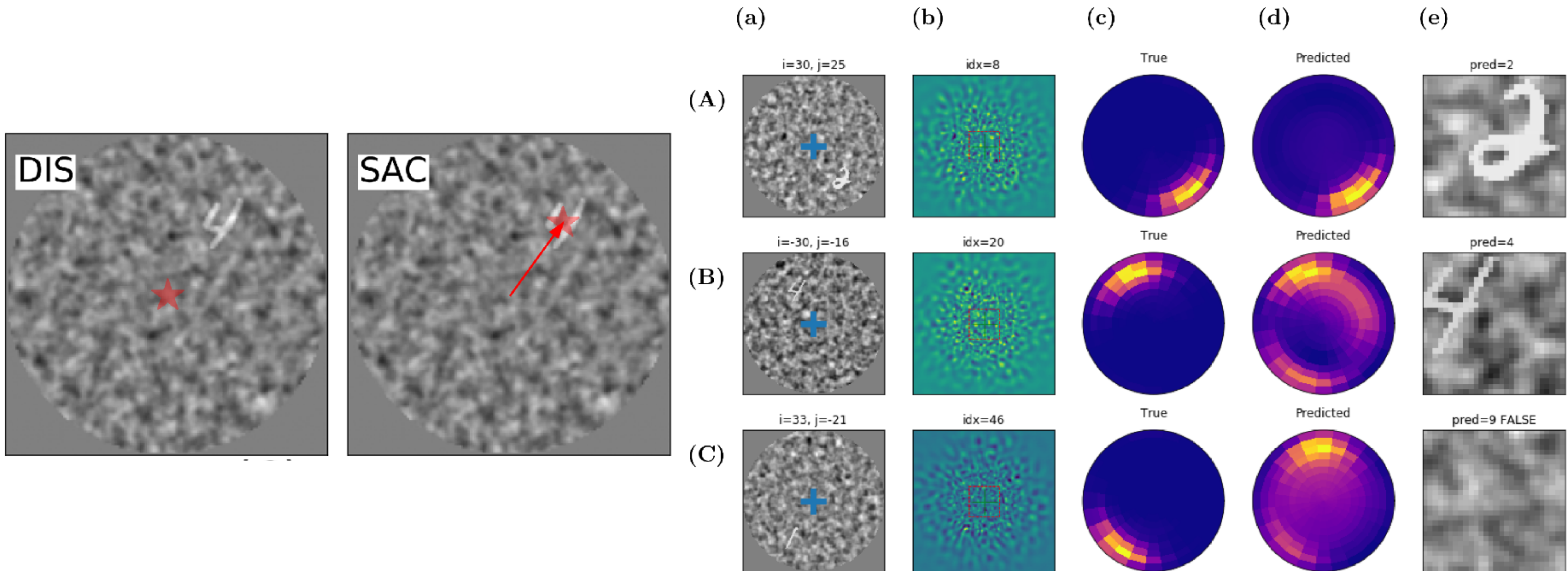
(F)
**CNNs image
classification task**

Foveal
pathway





From seeing to looking: the where pathway



A dual foveal-peripheral visual processing model implements efficient saccade selection Daucé; Albiges; LP Journal of Vision (2020)

A New Look for Convolutional Deep Networks

