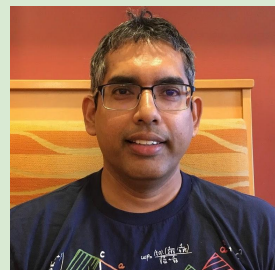


Federated Nearest Neighbor Classification with a Colony of Fruit-Flies

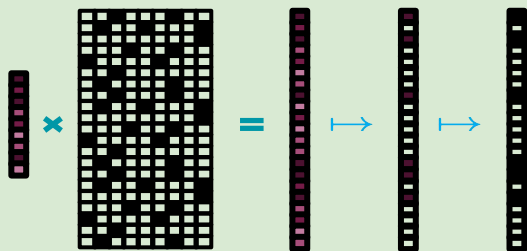
Parikshit Ram ([IBM Research AI](#)), Kaushik Sinha ([Wichita State University](#) & [IFML](#))



IFML

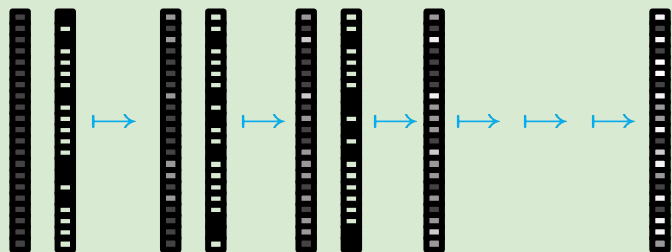
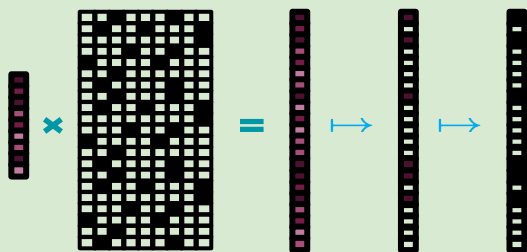
Institute for Foundations of
MACHINE LEARNING





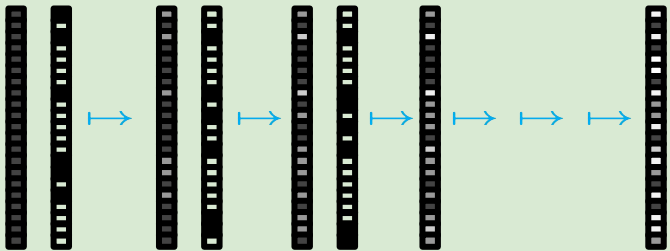
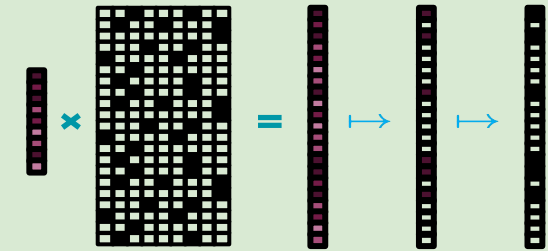
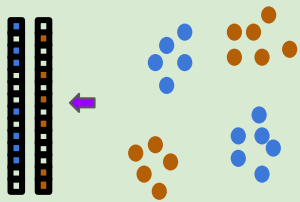
A neural algorithm for a fundamental computing problem

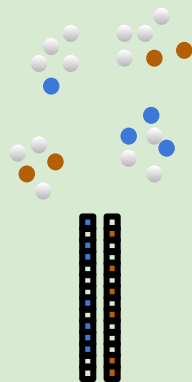
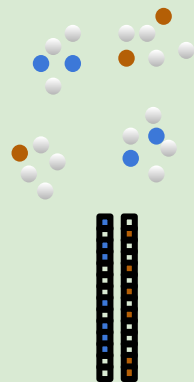
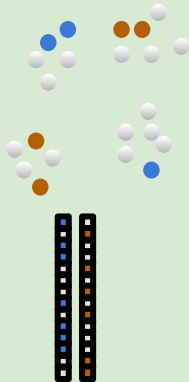
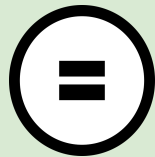
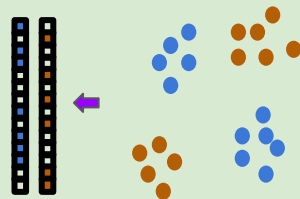
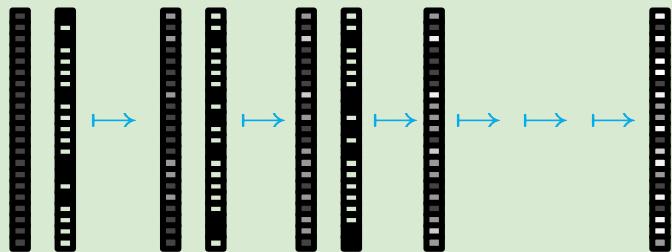
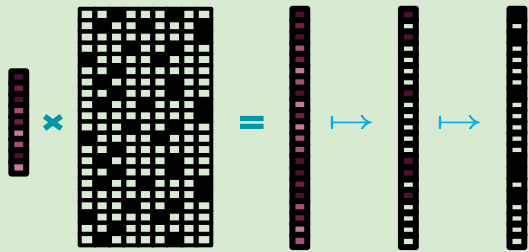
SANJOY DASGUPTA , CHARLES F. STEVENS , AND, SAKET NAVLAKHA  [Authors Info & Affiliations](#)

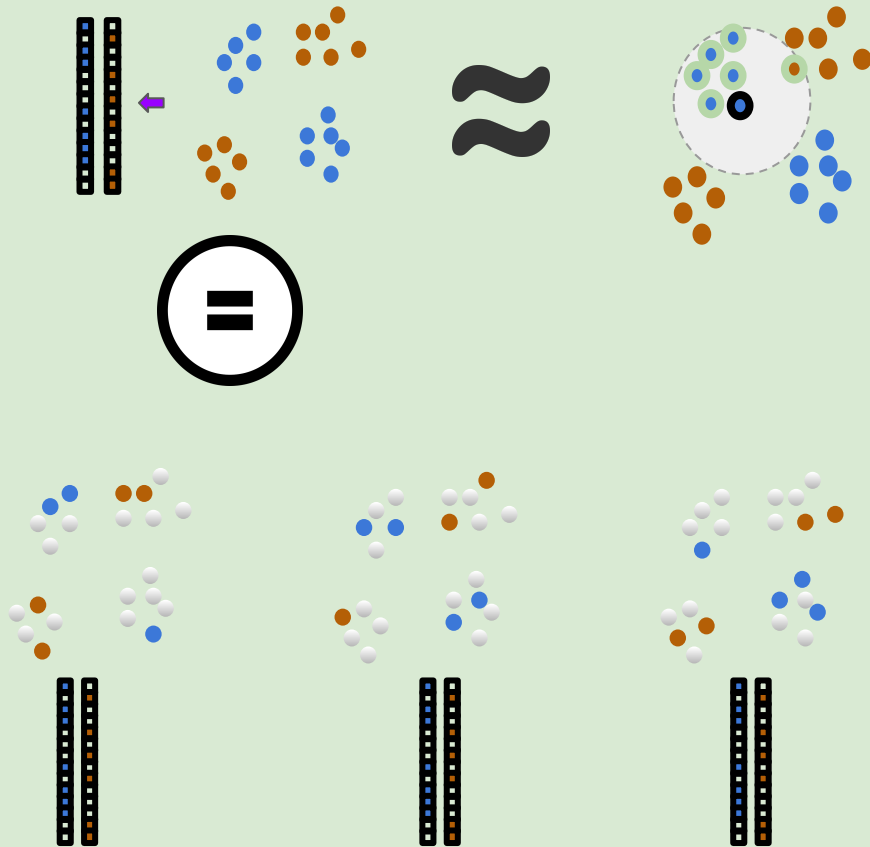
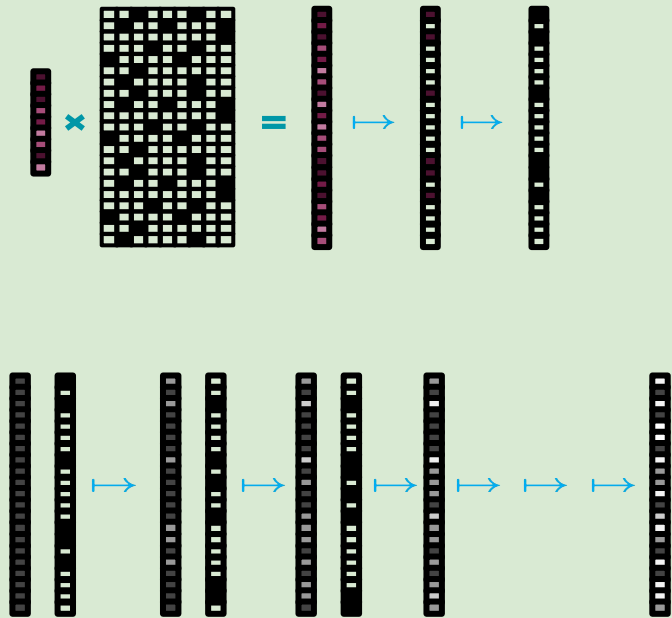


A neural data structure for novelty detection

Sanjoy Dasgupta^a, Timothy C. Sheehan^b, Charles F. Stevens^{c,d,1}, and Saket Naviakha^{a,1}







github.com/rithram/flynn
p.ram@acm.org



Thank you!