



Showcasing research from Professor Edgardo Brigatti, Institute of Physics, Universidade Federal do Rio de Janeiro, Brazil and Professor Fernando Peruani, Laboratoire de Physique Théorique et Modélisation, CY Cergy Paris Université, France.

Zoology of collective patterns modulated by non-reciprocal, long-range interactions

Intriguing collective patterns emerge in a flocking model where active particles move at a constant speed toward the position of all neighbors within their field of view, regardless of their relative distance.

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