Appendix-S7. Two examples of non-oriented trajectories produced by circular auto-regression

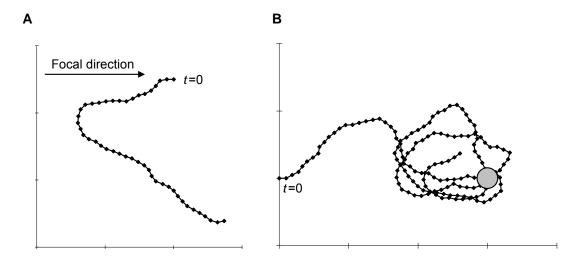


Figure S7. (A) Example of a simulated trajectory of C-AR(VM) of α = 0, w = 0.99, κ = 12. Starting toward the opposite direction to α , the trajectory is gradually changing toward the focal direction α . (B) An example of a simulated trajectory of C-AR(VM) with the focal point at (30, 0), w = 0.8, κ = 6. Starting from (0, 0), the trajectory is wandering around the focal point and draws looping. The speed is fixed at 1 and the grid unit is 10 throughout.