

Descriptions of additional supplementary files

- Supplementary Movie 1. Non-Chiral Swarmalators with No Frequency Coupling.
- Supplementary Movie 2. Splintered Phase Waves.
- Supplementary Movie 3. Natural Frequency Group Separation.
- Supplementary Movie 4. Concentric Phase Self-Organization.
- Supplementary Movie 5. Non-Chiral Swarmalators with Frequency Coupling.
- Supplementary Movie 6. Revolving swarmalators with No Frequency Coupling.
- Supplementary Movie 7. Revolving Swarmalators with Frequency Coupling.
- Supplementary Movie 8. Global coupling, non-chiral, and noise.
- Supplementary Movie 9. Global coupling, non-identical, and non-chiral.
- Supplementary Movie 10. Local coupling, identical, and non-chiral.
- Supplementary Movie 11. Global coupling, non-identical, and non-chiral vortices with noise.
- Supplementary Movie 12. Global coupling, identical, and non-chiral vortices with noise.
- Supplementary Movie 13. Local coupling, non-chiral, and no frequency coupling.
- Supplementary Movie 14. Local coupling, chiral, and no frequency coupling.
- Supplementary Movie 15. Local coupling, chiral, and frequency coupling.
- Supplementary Movie 16. Slime Mold.
- Supplementary Movie 17. Embryonic Genetic Oscillators.