# Pattern dynamics in oscillatory media under resonant forcing

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A variant of the complex Ginzburg-Landau equation is used to investigate the dynamics of patterns in oscillatory media under resonant external forcing. Depending on forcing strengths and frequencies, spiral patterns are replaced by a variety of frequency-locked patterns including flats, $\pi$ fronts, labyrinths, and $2\pi/3$ fronts. It is shown that frequency locking can be enhanced or suppressed by diffusive coupling in spatially extended system.

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Collaborators

References

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