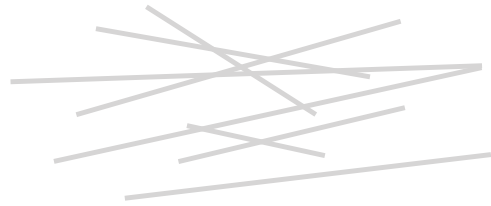


**Competitive suppression of synchronization and nonmonotonic transitions
in oscillator communities with distributed time delay**

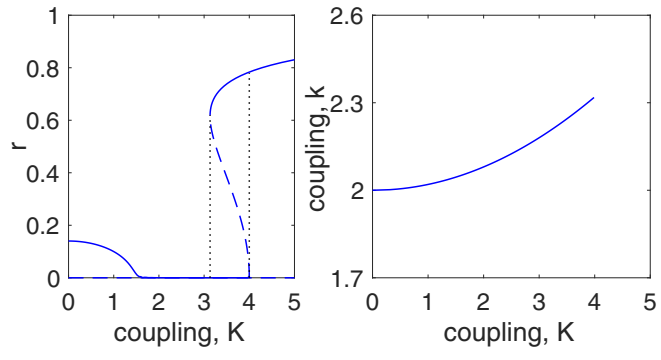
D *A* *M* *S* *S_B* *C* 80309, *A*
D *M* *C* *H* *C* 06106, *A*





community 1

community 2



$$w = -w \quad (0)$$

$$(+) \bar{w} () = - (), \quad ()$$

$$w = -w \quad (0)$$

APPENDIX B: NUMERICAL VALIDATION OF THE LOW-DIMENSIONAL EQUATIONS

$$\theta = \omega + \frac{-\theta + K}{\rho} \rho, \quad -\theta,$$

()

$$w = (-w) / , \quad ()$$

$$= , w = \rho , \quad -$$

' , w ' ,

$$'. \quad (), (), ()$$

$$(\) = \alpha \quad , \quad (\) = \alpha \quad \cdot (\) (\)$$

$$K = \kappa + \frac{\quad}{-\kappa} \quad , \quad \omega =$$

5 55 5

5

5

1,0 0 (0)