

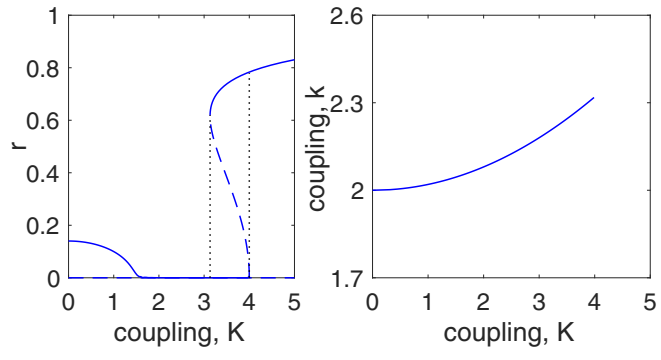
**Competitive suppression of synchronization and nonmonotonic transitions  
in oscillator communities with distributed time delay**

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











$$w = \dots ( )$$

$$( + ) \bar{w} ( ) = \dots ( ) \quad ( )$$

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

#### APPENDIX B: NUMERICAL VALIDATION OF THE LOW-DIMENSIONAL EQUATIONS

$$\theta = \omega + \dots - \theta + K \rho \dots - \theta \quad ( )$$

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

$$= \dots, w = \rho \dots$$

$$\dots, w \dots$$

$$\dots ( ), ( ), ( )$$



$\psi(x) = \alpha e^{-\kappa x}$ ,  $\psi(x) = \alpha e^{\kappa x}$

$$K = \kappa + \frac{1}{-\kappa}, \quad \omega =$$



5 55 5

5

5

1,0 0 ( 0 )