

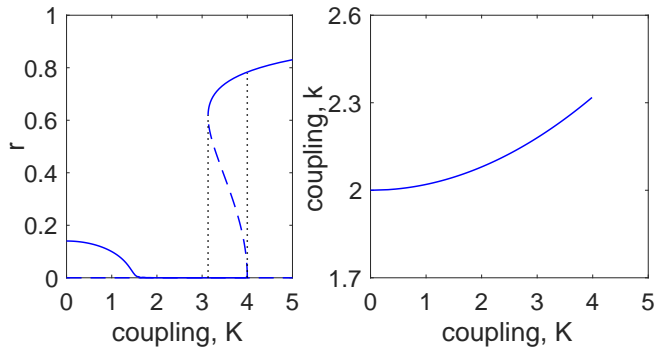
**Competitive suppression of synchronization and nonmonotonic transitions  
in oscillator communities with distributed time delay**

*D* *A* *M* *S* *S<sub>B</sub>* *C* 80309, *A*  
*D* *M* *C* *H* *C* 06106, *A*











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

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

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

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

...

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

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

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

... ( ), ( ), ( )



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

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



5 55 5

5

5

1,0 0 ( 0 )