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find that the system approaches well to full synchronization for various number of selected elements. The structure of formation of full synchronization state is studied compared with Kaneko's global coupled map (GCM) lattice.

**F-P027** Riddling Transition in Unidirectionally Coupled Systems

F-P027

Riddling Transition in Unidirectionally Coupled Systems

We study riddling transition, through which the basin of attraction (BA) for the chaotic attractor (CA) on the invariant line becomes riddled with "tongues" belonging to the BA of another attractor, in unidirectionally coupled systems without symmetry. Such riddling occurs via the transcritical transverse contact bifurcation between the saddle fixed point on the boundary of the CA and the repellng fixed point on the boundary of its BA. For this case, an "absorbing area," that acts as a trapping bounded vessel, disappears, and then a dense set of "tongues," emanating from the repellng fixed point and its preimages embedded in the CA, appears. Thus, the BA becomes globally riddled. When a parameter mismatch between the subsystems is introduced, superpersistence chaotic transients arise, the lifetime of which is analytically derived and also confirmed numerically.

**F-P028** 군소의 한 bursting pattern과 신경 세포의 Excitable Model

F-P028

군소의 한 bursting pattern과 신경 세포의 Excitable Model

We study numerically the randomly coupled map (RCM) lattice which evolves in a way that each element selects randomly the other elements to interact. We