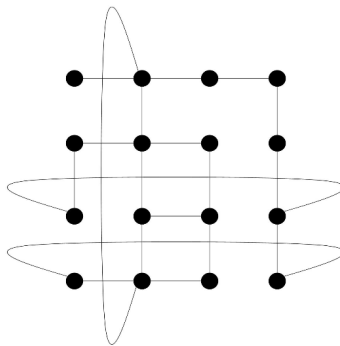Last Flap

Partially connected topologies for particle swarms

Fernandes, Rosa, Laredo, Merelo, Cotta

Last Flap

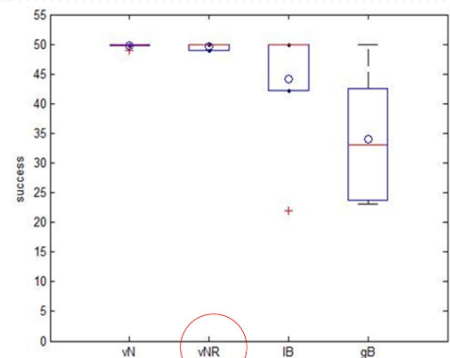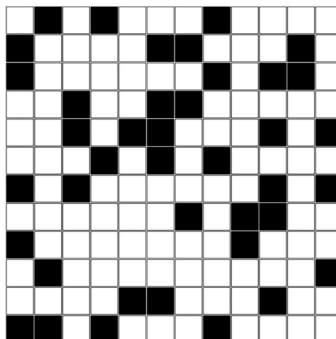**Objective**: InvestigatePSO with these topologies

Flap
1a

Flap
1b

Method: use dynamic random grid + von Neuman

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Rank by success

Flap
2a

Flap
2b

Results
- Better than lbest and gbest.
- The partially connected topology obtains more consistent results.
- Speed much better than lbest, not much worse than gbest.

Flap
1a

Flap
1b

Flap 3