

Attractive evolutionary equilibria

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Abstract: We present attractiveness, a refinement criterion for evolutionary equilibria. Attractive equilibria turn out to be structurally stable, i.e., preserve defining properties nearby for small perturbations of the underlying payoffs or dynamics. They are also conceptually stable, i.e., equivalent to other attractive evolutionary equilibria for certain classes of evolutionary dynamics. For instance, each attractive evolutionarily stable strategy is an attractive evolutionarily stable equilibrium for two families of evolutionary dynamics, and vice versa.