
Claudio Altafini
SISSA-ISAS, International School for Advanced Studies
via Bonomea 265, 34136 Trieste, Italy

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In a series of papers,[2, 3], X. Wang and S. G. Schirmer found results slightly in contradiction with those of [1]. On the complex flag manifolds $\mathcal{S}$ studied in [1, 2, 3] the “competing” equilibria of the desired target $\rho_d$ (denoted antipodal points in [1]) are in general saddle points rather than repulsive equilibria as stated incorrectly in [1]. This implies that there exist stable submanifolds connecting two or more of these antipodal points which are not attracted to $\rho_d$. The results of [1] are still valid almost always, except for zero-measure submanifolds for which the conditions of Theorem 3 of [1] are not sufficient to guarantee convergence.

References

