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Ethan Akin* (ethanakin@earthlink.net), Mathematics Department, The City College, 137 Street and Convent Avenue, New York, NY 10031. *Iterated Prisoners Dilemma: Dynamics of Zero-Determinant Strategies.*

The Markov model for the Iterated Prisoners Dilemma has been much studied but recent work by Press and Dyson has introduced some new approaches. This work has lead to a complete description of the "good strategies" which represent, in a reasonable sense, solutions for the IPD. Some of these occur within the co-dimension one class of Zero Determinant Strategies introduced by Press and Dyson. Furthermore, if competition is restricted to strategies from this class, the evolutionary dynamics has interesting properties (Received September 06, 2013)