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Aaron Kaestner* (akaestne@gmail.com) and **Louis H Kauffman**. *Parity Biquandles*.

We use crossing parity to construct a generalization of biquandles for virtual knots which we call Parity Biquandles. These structures include all biquandles as a standard example referred to as the even parity biquandle. Additionally, we find all Parity Biquandles arising from the Alexander Biquandle and Quaternionic Biquandles and discuss some related results. (Received January 28, 2012)