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Mark B Greer* (mgreer7@du.edu), 2360 S Gaylord St, Denver, CO 80208. *Constructions of Diassociative Loops.*

Moufang and Steiner loops are the most well-studied varieties diassociative loops. Moufang and Steiner loops are generalized by a variety called RIF loops. RIF and flexible C-loops are, in turn, generalized by ARIF loops, which are diassociative. We give constructions for RIF and ARIF loops analogous to the Chein construction for Moufang loops and the de Barros and Jurriens construction for RIF loops. We also show the stabilization of these two constructions at the RIF and ARIF levels. (Received September 14, 2010)