**On the Loop Cloud of a Group**

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Informally, a quasigroup with identity, briefly – a loop, is a group without the axiom of associativity.  In 1939, Reinhold Baer showed how to obtain a loop as a "factor loop" of a group.  In this paper, using Baer's result,  I will define the Loop Cloud and prove properties of the Loop Cloud of G and G.  For example, G is a simple group if and only if the loops in the loop cloud of are not groups.