1099-47-120 **Ping Wong Ng*** (png@louisiana.edu), Mathematics Department, University of Louisiana at Lafayette, 217 Maxim Doucet Hall, P. O. Box 41010, Lafayette, LA 70504-1010. Commutators in $C_r^*(\mathbb{F}_{\infty})$.

Let $C_r^*(\mathbb{F}_{\infty})$ be the reduced C*-algebra of the free group on infinitely many generators, and let τ be the unique tracial state on $C_r^*(\mathbb{F}_{\infty})$. For all $x \in C_r^*(\mathbb{F}_{\infty})$, x is the sum of three commutators if and only if $\tau(x) = 0$. (Received February 03, 2014)