1073-05-248 **Wenliang Tang*** (`victor_251@math.wvu.edu`), Dept. of Mathematics, West Virginia Universit, Morgantown, WV 26505, and **Erling Wei** and **Cunquan Zhang**. *On Strong Circuit Double Cover Conjecture with Special Property.* Preliminary report.

Let G be a bridgeless cubic graph and C is any given circuit in G, it was conjectured that we can find a family of circuits $\mathcal{F}$ containing C such that every edge of G is covered exactly by two members of $\mathcal{F}$. This is the well-known *Strong Circuit Double Cover*. In this paper we verified this conjecture on the following two special classes of cubic graphs:

1. For a pair $(G,\ C)$, if $H = G - C$ contains a Hamilton path of order less than 23, then G has a circuit double cover containing C;

2. For a pair $(G,\ C)$, if $H = G - C$ contains a Y-tree of order less than 20, then G has a circuit double cover containing C;