1086-14-1866   **Yang Qi*** (`yangqi@math.tamu.edu`), 200 Charles Haltom Avenue Apt. 4-D, College Station, TX 77840. *On the equations of the third secant variety of an n-fold Segre product.*

It is well known that the third secant variety of a triple Segre product is defined by the size four minors of flattenings and Strassen's equations. In this talk we are going to give this result a new proof, which can be generalized to the n-factor case. Then we can have the set theoretically defining equations of the third secant variety of an n-fold Segre product. (Received September 24, 2012)