Actually, three weeks ago, I begin to write a digital CMOS circuit extraction program using a new pattern-matching algorithm. In this new algorithm, I will find all the channel-connected-devices and group them, then do the pattern matching work based on this.

Last week, I wrote a lot of code to change the data structure to become hash code, because in program has lots of searching work on link-list, using hash table will make the program 10 times faster. Also I have done some work on pattern matching part.

Plan for next week:

In the coming week, I will finish all the coding work for the whole program, and begin to test it using Boeing's circuit.