Thesis Title	Speed Increasing with Parallel Dual Processors Based TMS320Cxx
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ABSTRACT

The real time processing increases in modern data processing, especially in the fields of high speed processing. To process the data in real-time, a microprocessor is required that can to work with high speed as DSP. However, a DSP. may not work fast enough for application. In order to solve this performance problem, it is necessary to design and implement a processing system that consists two DSP. to work in parallel and share the same memory resource. It is obviously shown that the two parallel DSP. system will work more efficiently in this experiment. As it is performed with the suitable algorithm; such as digital filter and the other parallel matched algorithm.