Weekly Project Status Report

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Project: Design and Verification of Multi-Channel ADPCM CODEC

Project Overview

The class design project is to design a complex system design of a Multi-Channel Adaptive Differential Pulse Code Modulator and Demodulator (MCAC) compatible with G.726 & G.711 Specifications.

Work Completed

03/12/2014: Vector test bench templates were created.
03/15/2014: Vector Test Bench for EXPAND module was created as per the template specified.
03/16/2014: Corrected Errors and made the test bench run without errors.
03/17/2014: Got an overview of Bit Serial implementation of ACCUM and FMULT modules.

Work Awaiting Completion

03/28/2014: Implementation of bit serial ACCUM and FMULT module.

Complications

No complications faced.