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This is the term project for ECSE 512 Digital Signal Processing 1. The goal of this project was to use LMS and RLS algorithms to create an adaptive FIR filter that suppresses out a narrowband noise in a wideband desired signal. The model used is commonly known as the prediction model, where both the exact desired signal and the noise is not known.

[GitHub - yanghaojin/ECSE512_DSP1: DSP1 Term Project...](#)
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ECSE 4530: Digital Signal Processing. Fall 2001, 2002, 2006, 2009, 2014, 2016. This course provides a comprehensive treatment of the theory, design, and implementation of digital signal processing algorithms. In the first half of the course, we emphasize frequency-domain and Z-transform analysis.

[Rich Radke @ RPI ECSE - Teaching](#)
McGill University ECSE 512 - Digital Signal Processing I Fall 2010 1 Midterm Exam 4:00 PM - 6:00 PM, October 27, 2010 Duration: 120 minutes This exam is closed-book. You can bring one single-sided sheet of notes. This sheet of notes must be entirely hand-written, no portions may be machine-produced or photocopied. Calcula-

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