

<b>Thesis Title</b>	Investigating Packet Loss Recovery in Media Specific FEC Audio Transmission
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### **ABSTRACT**

This thesis proposes the packet loss recovery technique in the audio stream at the sender side. The adaptive error control in Internet telephony system which uses this packet recovery scheme based on the media specific Forward Error Correction (FEC). By adapting the method with least square in recovery algorithm for the best fitting curve of reward value. This technique can estimate the trend of outcomes and improve the adjustment of redundant packets of the recovery algorithm. The results of experiment show that the adaptive error control algorithm can decrease the packet loss rate.