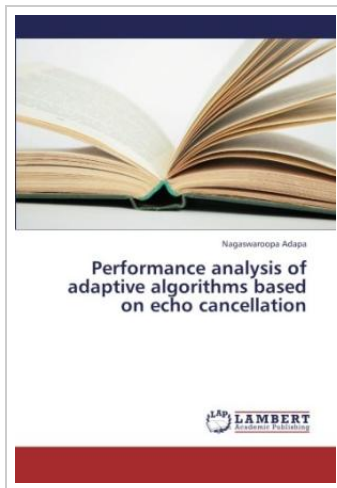




Performance analysis of adaptive algorithms based on echo cancellation

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Condition: New. Publisher/Verlag: LAP Lambert Academic Publishing | In modern communication systems like hands-free and teleconferencing systems, the problem arises during conversation is creation of an acoustic echo. It degrades the quality of the information signal. Me and my professor Magnusberggren has started research on this problem and obtained solution to this problem using adaptive algorithms NLMS, RLS and APA. The Acoustic echo cancellation with adaptive filtering technique will more accurately enhance the speech quality in hands free communication systems. The main aim of using adaptive algorithms for echo cancellation is to achieve higher ERLE at higher rate of convergence with low complexity. The adaptive algorithms NLMS, APA and RLS are implemented using MATLAB. | Format: Paperback | Language/Sprache: english | 68 pp.



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