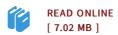# Implementation Of Speech Scrambling Using DSP TMS320c6711 And LabView

By Bilal, Rabia / Khan, Bilal Muhammad

Condition: New. Publisher/Verlag: LAP Lambert Academic Publishing | Speech Scrambling technique is implemented on the TMS320C671 DSK and LabVIEW as a research work. The approach for TMS320C671 DSK makes use of algorithms for filtering and modulation. With voice as input, the resulting DSK output is scrambled voice. For the Descrambled output, output from the DSK is input to the another DSK and output is original analogue Signal. The research work involves the acquisition of voice data which is analogue in nature, its manipulation (Scrambling) before transmission in a manner which would secure its transfer through the communication channel, and finally retrieval of the actual Signal at the received end having appreciable quality. It is based primarily on the application of Electronics and Digital Signal Processing knowledge. Scrambling has been implemented in Frequency Domain using the Frequency Inversion. Apart from the hardware aspect of the project involving the use of filters, mixers, power Supplies, all combined in a Single circuit known as the DSP Kit TMS320C6711. It also requires Software knowledge Skills for C/C++ language programming and LabVIEW, in order to implement certain scrambling techniques. | Format: Paperback | Language/Sprache: english | 80 pp.

READ ONLINE
[7.02 MB]

Reviews

It becomes an amazing pdf that I actually have ever go through. This is for those who statte that there had not been a worth reading through. You will like how the author create this pdf.
-- Prof. Lonie Roob

A high quality book as well as the font applied was exciting to read through. This can be for all those who statte there was not a well worth looking at. I discovered this ebook from my i and dad recommended this ebook to find out.
-- Mr. Monserrat Wiegand