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Deep Xi as a Front-End for Robust Automatic Speech Recognition

Speech Recognition | IntechOpen [1903.10346] Imperceptible, Robust, and Targeted ...

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Robust Automatic Speech Recognition In the 21st Century Richard Stern (with Alex Acero, Yu-Hsiang Chiu, Evandro Gouvêa, Chanwoo Kim, Kshitiz Kumar, Amir Moghimi, Pedro Moreno, Hyung-Min **Imperceptible, Robust and Targeted Adver-**

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ROBUST EXCITATION-BASED FEATURES FOR AUTOMATIC SPEECH ...

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a word-segment discriminative model robust to noise [2].

Due to its high speech enhancement performance, we investigate the use of Deep Xi as a front-end for robust ASR. Deep Xi is evaluated using real-world non-stationary and coloured noise sources, at multiple SNR levels.

Robust Automatic Speech Recognition [Book]

Robust Automatic Speech Recognition In the 21st Century

Adaptation of Deep Neural Network Acoustic Models for Robust Automatic Speech Recognition Khe Chai Sim, Yanmin Qian, Gautam Mantena, Lahiru Samarakoon, Souvik Kundu, Tian Tan Pages 219-243

Electrical Engineering and Systems Science > Audio and Speech Processing Title: Imperceptible, Robust, and Targeted Adversarial Examples for Automatic Speech Recognition Authors: Yao Qin , Nicholas Carlini , Ian Goodfellow , Garrison Cottrell , Colin Raffel

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