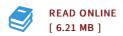# QoE Enhancement Techniques for Wireless Video Networking

By Pejman Goudarzi

LAP Lambert Academic Publishing Okt 2013, 2013. Taschenbuch. Condition: Neu. Neuware - Quality of Experience enhancement of a transmitted video sequence in Mobile Ad hoc NETworks (MANETs) is a challenging and important issue in networking research community. In the current book, an accurate model has been developed which can capture the exact effect of network packet loss on the video distortion (and hence on the QoE) with Group Of Picture (GOP)-level granularity in MANETs. Then, based on this model, an optimal bandwidth allocation strategy is being developed in which based on some network-specific constraints, the loss-induced distortion associated with a video sources is being minimized. Designing proper rate-feedback algorithms for implementing the presented work in video encoders (such as H.264) in real scenarios can be considered as an important open issue for the future research. Moreover, incorporating more accurate network-related packet loss models considering more general mobility models and more realistic MAC layer protocols are another important topics. This work is beneficial for those researchers and engineers who are interested in wireless video networking field. It can be used also by graduate students in the field. 72 pp. Englisch.

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Reviews

An exceptional ebook along with the typeface employed was intriguing to see. It really is simplistic but surprises within the fifty percent of the ebook. It is extremely difficult to leave it before concluding, once you begin to read the book.
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