

## عنوان مقاله:

Efficient Layered Video Transmission Through Mobile Wireless Channels

## محل انتشار:

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## خلاصه مقاله:

This paper presents efficient methods for layered protection of contents in video transmission through mobile channels. The Data Partitioning scheme of the H.264/AVC codec has been used for the classification of video content, and transmission of the high priority part is made distinct from the low priority part. To provide distinct protection of the layers against errors in a multipath Rayleigh fading channel, two methods have been considered: turbo codes with different coding rates and hierarchical quadrature amplitude modulation (HQAM). Simulation results show that both methods offer graceful degradation in the quality of service as the channel SNR decreases as well as superior quality over the non-layered scenario.

## کلمات کلیدی:

Video over mobile channels, H.264/AVC layered coding, unequal error protection

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/42163>

