عنوان مقاله:

New Method Robust Video Coding based on Compressive Sensing

محل انتشار:

نهمین کنفرانس ماشین بینایی و پردازش تصویر ایران (سال: 1394)

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خلاصه مقاله:

Compressed sensing theory (Compressed Sensing, CS) can break through the Nyquist sampling theorem limit for efficient, high-precision sampling and reconstruction of signals. It is a new signal acquisition and processing theory which developed only in recent years. The main idea of the theory isthat making use of the sparsity or compressibility of signals, reconstruct the signals accurately or approximately through nonrel ated measurement of sampling data in low dimension. Compressed sensing theory provides a new way of thinking to signal processing, it has gain wild attention from is proposed, many research institutions and researchers have conducted in depth research. In this article we proposed a new method video coding based on Compressive sampling matching pursuit (CoSaMP). The experimental results show that the proposed approach can achieve a higher quality than some exiting compressive video coding scheme

کلمات کلیدی:

curvelet transform, Compressive matching pursuit (CoSamp), Spasity