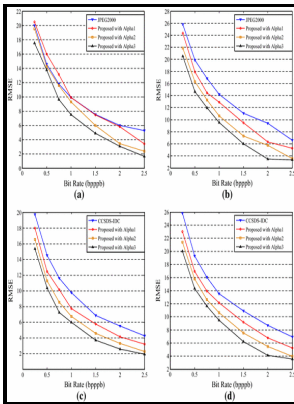# Data compression for satellite images - final report

NASA - A predictive algorithm for multimedia data compression

Description: -

-Data compression for satellite images - final report

-

N77-17757

CR-149655Data compression for satellite images - final report

Notes: Originally published, West Lafayette: Purdue University

School of Electrical Engineering, 1976.

This edition was published in 1977

Filesize: 6.12 MB

Tags: #Optical #Satellite #Data #Compression #and #Implementation

Satellite Data Compression, Communications, and Archiving II

Forward error correction codes e. The paper will present CLASS' approach for other major data campaigns such as Metop, NPP, NPOESS and EOS, historical data and its plans for going forward with the GOES-R data campaign.

Optical Satellite Data Compression and Implementation

Ida Mengyi Pu, in , 2006 10. When SPOT-7 is launched in 2014, there will be 2 x 2 satellites, a true constellation with all spacecraft in the same orbital plane, coherently operated 90° one from the other on the same orbit through a single interface Ref.

Satellite Image Compression, Dimensionality Reduction and Quality Metrics : vTools Events

. Turns out that we notice resampling a lot more on faces than places.

Optical Satellite Data Compression and Implementation

There are 11 spectral bands for 3 sequential times for those interested in compression of full disk images. For each spectral band, it means that each pixel can take one value out of 4 096.

Satellite Data Compression, Communications, and Archiving II

This receiver demonstrates a 10-fold increase in data rate compared to the rate achievable by the current GOES generation, without a major impact on either cost or size. Proceedings of SPIE, 1470 1 , 197-205. Optional SpaceWire interfaces allow for transmission of data at high rates between the OBC and e.

See Satellite Phone Image Compression and Resampling In Action

The Chromatic Induction Wavelet Model presents some perceptual concepts that can be suitable for it.

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