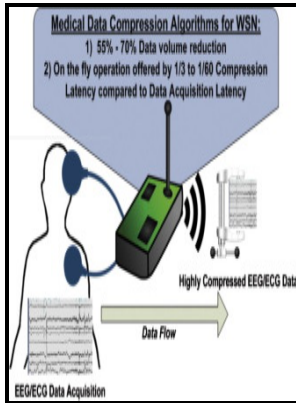# Data compression - techniques and applications, hardware and software considerations

Wiley - ECG Data Compression Techniques

Description: -

-
Criminology.
MPEG (Video coding standard)
Video compression
Digital video
Data compression (Computer science)Data compression - techniques
and applications, hardware and software considerations
-Data compression - techniques and applications, hardware and
software considerations
Notes: Bibliography, p122-124. - Includes index.
This edition was published in 1983

Filesize: 48.97 MB

Tags: #Data #Compression: #Techniques #and #Applications, #Hardware #and #Software #...

Data Compression

Thus classic treatments may provide the required mathematical underpinnings but do not directly address the problem at hand. For a long time to come, the technology necessary will generally be dependent on the application domain for which the VE is being built.

Compression Methods

In block 706, the routine invokes routine DivideCount and loops to block 705. In most cases, only worst-case analyses of the methods are feasible. Both of these assumptions are valid for commercial graphics workstations and for the systems that have been designed by researchers at the University of North Carolina at Chapel Hill.

Data compression (1983 edition)

Hyper-NPSNET combines virtual world technology with hypermedia technology by embedding hypermedia nodes in the terrain of the virtual world.

localize-img.justmote.me: Data Compression: Techniques and Applications, Hardware and Software Considerations (9780471929413): Held, Gilbert: Books

The routine starts with a sorted array of frequency counts for all the symbols to be encoded. Nonrigid Objects A vast body of work treats the use of finite element methods to simulate continuum dynamics.

ECG Data Compression Techniques

Did you find what you needed? A method in a computer system of compressing a plurality of packets of uncompressed data values into packets of compressed data values and decompressing the packets of compressed, data values, the method comprising the steps of: defining a compression frequency table and a decompression frequency table indicating frequencies of data values; for each of the plurality of packets of uncompressed

data values, identifying a set of data values in the compression frequency table; generating a frequency-based encoding for each data value in the identified set based on the frequencies in the compressed frequency table; for each uncompressed data value in the packet, when the uncompressed data value is in the identified set, outputting the generated frequency-based encoding for the uncompressed data value; and when the uncompressed data value is not in the identified set, outputting the uncompressed data value in a format that is not frequency-based encoded, wherein output generated encodings and output data values form a packet of compressed data values; and updating the compression frequency table based on frequency of uncompressed data values in the packet; and for each packet of compressed data values, retrieving each generated encoding and each data value that is not in a frequency-based encoded format from the packet of compressed data values; decoding the retrieved generated encoding using the decompression frequency table to generate an uncompressed data value, wherein the generated data values and the retrieved data values form a packet of decompressed data value; and updating the decompression frequency table based on frequency of data values in the packet of decompressed data values.

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