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Next Generation Video Coding• H.265/HEVC and its extensions Oscar C. Au (PhD, Princeton Univ.) Dept. of Electronic and Computer Engineering Hong Kong University of Science and Technology Clearwater Bay, Hong Kong Email: eeau@ust.hk 1

Next Generation Video Coding• H.265/HEVC and its extensions

next generation video coding pdf The Macroblock layer is the primary unit of adaptivity in AVS and the primary unit of motion compensation. The Macroblock header contains information about the coding mode and the motion AVS - The Chinese Next-Generation Video Coding Standard

Next Generation Video Coding And Streaming

Currently, both VCEG and MPEG are launching their next-generation video coding project, which aims to meet the new requirements future applications may impose on the video coding standard.

(PDF) New techniques for next generation video coding

Coding tools investigation for next generation video coding based on HEVC. ... The new state-of-the-art video coding standard, H.265/HEVC, has been finalized in 2013 and it achieves roughly 50% ...

(PDF) Coding tools investigation for next generation video

Investigating the Adaptive Loop Filter in Next Generation Video Coding ALFONSO DE LA ROCHA GÃ“MEZ-AREVALILLO ... This issue results in the need of a new generation of video coding techniques to increase the quality and compression rates of previous standards.

Investigating the Adaptive Loop Filter in Next Generation

AVS - The Chinese Next-Generation Video Coding Standard Wen Gao¹, Cliff Reader², Feng Wu³, Yun He⁴, Lu Yu⁵, Hanqing Lu⁶, Shiqiang Yang⁷, Tiejun Huang¹, Xingde Pan⁸ ... The Audio Video Coding Standard of China (AVS) video standard is a streamlined, highly efficient

AVS - The Chinese Next-Generation Video Coding Standard

Video Coding for Next-generation Multimedia Iain E. G. Richardson The Robert Gordon University, Aberdeen, UK ... addressing video coding capabilities ranging from very low bit rate, low frame rate, â€œpostage ... H.264 and MPEG-4 Video Compression: Video Coding for Next-generation Multimedia.

H.264 and MPEG-4 Video - MDP

Thomas Wiegand: Digital Image Communication Video Coding Standards 12 H.263: The Next Generation

• ITU-T Rec. H.263 (v1: 1995): The next generation of video coding performance, developed by ITU-T •
Has overtaken H.261 as dominant videoconferencing codec • Superior to H.261 at all bit rates • Wins
by a factor of two at very low rates

Video Coding Standards - Fraunhofer HHI

Next generation video compression April 24, 2013. Next generation . video compression. MPEG and ITU
have recently approved a new video-compression standard known as High Efficiency Video Coding (HEVC),
or H.265, that . is set to provide double the capacity of today's leading standards. 1.

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