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AMBTC (Absolute Moment Block truncation coding) AMBTC

(DPCM) JPEG-LS

JPEG-LS

: AMBTC ; ; JPEG-LS

[1]E.J Delp and O.R. Mitchell, " Image compression using block truncation coding . , " IEEE Trans. Commun., vol.COM-27,pp.1335-13 42,Sept. 1979.

[2]M.D Lema and O.R. Mitchell, " Absolute moment block truncation coding and its applications to color image," IEEE Trans. Commun.,vol.COM-32,no.10, pp.1184-1157,Oct. 1984.

[3] , " " , ,ISBN: 957-97524-6-X [4]J. Ronson and J. DeWitte, " Adaptive block truncation coding scheme using an edge following algorithm, " ICASSP' 82, pp.1235-138, 1982.

[5]N. Efrati, H. Liciztin, and H.B. Mitchell, " Clossifled block truncation coding-vector quantization: An edge sensitive image compression algorithm, " Signal Process. Image Commun., vol.3274-283, 1991.

[6]I. Mor, Y. Swissa, and H.B Mitchell, " A fast nearly optimum equispaced 3-level block truncation coding," Signal Process Ima Commun., vol.6 pp.397-404, Dec. 1994.

[7]Y. Wu and D.C. Coll, " Multilevel block truncation using minmax error criterion for high-fldelity compression of digital Image," IEEE Trans. Commun.,vol. 41, no.8, pp.1179-1191, Aug. 1993.

[8]C.H kun and C.F. Chen, " Nearly optimum multilevel block truncation coding based on a mean absolute error criterion, " IEEE Signal Processing Letters, vol.3, no.9, pp.269-271, Sept. 1996.

[9]W.J. Chen and S. C. Tai, " A Genetic Algorithm Approach to Multilevel Absolute Moment Block Truncation Coding. " IEICE Trans. on Fundamentals of Electronics, Communications, and Computer Science, Vol.E-82-A, No. 8, pp. 1456-1462, August,1999.

[10]W.J. Chen," Multilevel Block Truncation Coding of Two Steps Searching. " IEICE Trans. Fundamentals of Electronics, commun- Communications ,and Computer Science, Vol. E84-A,No.8, pp.1977-1980, August,2001.

[11]S.W. Golomb, " Run-Length Encoding," IEEE Trans. Information Theory, IT-12, pp.399-401, 1966 [12]R. F. Rice, " Some Practical Universal Noiseless Coding Techniques," Technical Reprot JPL Publication 79-22, Pasadena, CA: Jet Propulsion Lab., 1979.

[13]ISO/IEC US 14495, Information Technology- lossless and Near-lossless Compression of Continuous-tone still Images : Baseline, 2000

(JPEG-LS).

[14]   ,   ,   ,"   ",   ,ISBN:957-97524-8-6 [15]Jiang, B.Guo and S. Y. Yang," Revisiting the JPEG-LS prediction scheme" IEE Proc.-Vis. Image Signal Process., Vol. 147, No. 6, pp. 575- 580,December 2000.

[16]C.Grecos, J.Jiang, E.A. Edirisinghe, " Two cost Algorithms for Improved Diagonal Edge Detection in JPEG-LS" IEEE Trans. on Consumer Electronics,vol.47,no.3, pp.466-473, August, 2001.

[17]E.A. Edirisinghe and S.Bedi, " Gradient-based predictor for diagonal edge pixels in JPEG-LS" IEEE Electronics Letter vol.37, no.22, pp.1327 -1328,October, 2001.

[18]G. Deng," Transform domain LMS-based adaptive prediction for lossless image coding" IEICE Signal processing: Image Communication 17,pp.219-229, 2002.

[19]B. Aiazzi, L. Aloarone, and S. Baronti.," Near-lossless image compression by relaxation-labelled prediction" IEICE Signal processing: Image Communication 82, pp.1619- 1631, January, 2002.