

REFERENCES

1. Korris J and Macedonia M., The End of Celluloid: Digital Cinema Emerges, *Computer*, **Vol. 35, No. 4, pp. 96-98, (April 2002)**.
2. ISO/IEC JTC1/SC29 WG11 N5328, *Digital Cinema Requirements, Coding of Moving Pictures and Audio*, **(December 2002)**.
3. JPEG: ISO/IEC JTC1/SC29 WG10., *Information Technology - Digital Compression and Coding of Continuous- tone Still Images - Requirement and Guidelines, Final Draft International Standard ISO/IEC 10918-1, (1993)*.
4. Pengyu Liu, Yuan Gao and KebinJia., An Adaptive Motion Estimation Scheme for Video Coding, **Article ID 381056, 14 pages, (2014)**.
5. Gonzalez RC and Woods RE., *Digital Image Processing*, **Addison Wesley, (2004)**.
6. David Salomon., *Data Compression, the Complete Reference, 2nd Edition, Springer-Verlag, (1998)*.
7. Mallat S., A Theory for Multi Resolution Signal Decomposition: The Wavelet Representation, *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **Vol. 11, No. 7, pp. 674-693, (July 1989)**.
8. Humberto D J, Ochoa Domínguez, Osslan Osiris Vergara Villegas, Vianey Guadalupe Cruz Sanchez, Efren David Gutierrez Casas and K.R. Rao., The H.264 Video Coding Standard, *IEEE Potential*, **Vol. 33, No.2, pp. 32-38, (2014)**.
9. Jonathan Fabrizio, Severine Dubuisson and Dominique Berezat., Motion Compensation based on Tangent Distance Prediction for Video Compression, *In Proceedings of International Conference on Signal Processing: Image Communication*, **Vol. 27, No. 2, pp. 153–171, (February 2012)**.
10. Anmin Liu, Weisi Lin, Manoranjan Paul, Fan Zhang and Chenwei Deng., Optimal Compression Plane for Efficient Video Coding, *IEEE Transactions on Image Processing*, **Vol. 20, No. 10, pp. 2788 - 2799, (2011)**.
11. Kalva H., The H.264 Video Coding Standard, *IEEE Multimedia* , **Vol. 13, No. 4, pp. 86-90, (2006)**.
12. Xiaolin Chen, NishanCanagarajah, Jose L. Nunez-Yanez and RaffaeleVitulli., Lossless Video Compression based on Backward Adaptive Pixel-based Fast Motion Estimation, *Signal Processing: Image Communication*, **Vol. 27, pp. 961–972, (2012)**.
13. Mohammed Golam Sarwer and Q.M. Jonathan Wu., *Improved Intra Prediction of H.264/AVC, Video Coding, ISBN 978-953-7619-XX, IN-TECH publisher*.
14. Antonini M, Barlaud M, and P. Mathieu., Image Coding using Wavelet Transform, *IEEE Transactions on Image Processing*, **Vol. 1, No. 2, pp. 205-220, (April 1992)**.
15. Vetterli M and Herley C., Wavelets and Filter Banks: Theory and Design, *IEEE Transactions on Acoustics and Speech Signal Processing*, **Vol. 40, No. 9, pp. 2207-2232, (September 1992)**.

16. Martucci SA, Sodagar I, Chiang T, and Zhang Y., A Zero Tree Wavelet Video Coder, *IEEE Transactions on Circuits and Systems for Video Technology*, **Vol. 7, No. 1, pp. 109-118, (February 1997)**.
17. Shapiro JM., Embedded Image Coding using Zero Tree of Wavelet Coefficients, *IEEE Transactions on Signal Processing*, **Vol. 41, No. 12, pp. 3445-3462, (December 1993)**.
18. MPEG-2: ISO/IEC, ISO/IEC 13818-2:2000, *Information Technology - Generic Coding of Moving Pictures and Associated Audio Information: Video*, **(2000)**.
19. Dufaux F, and Moscheni F., Motion Estimation Techniques for Digital TV: A Review and a New Contribution, *Proceedings of the IEEE*, **Vol. 83, No. 6, pp. 858-876, (June 1995)**.
20. Ka. Ng, Po L, K. Wong, Chi. Ting and K. Cheung., A Search Patterns Switching Algorithm for Block Motion Estimation, *IEEE Transactions on Circuits and Systems Video Technology*, **Vol. 19, No. 5, pp. 753–759, (May 2009)**.
21. Vo DT and Nguyen TQ., Quality Enhancement for Motion JPEG using Temporal Redundancies, *IEEE Transactions on Circuits and Systems Video Technology*, **Vol. 18, No. 5, pp. 609–619, (May 2008)**.
22. Mohammed Golam Sarwer and Q.M. Jonathan Wu., A Novel Bit Rate Reduction Method of H.264/AVC Intra Coding, *In proceedings of International Congress on Image and Signal Processing*, **pp. 16-18, (2010)**.
23. Lai-Man Po and Wing-Chung Ma., A Novel Four Step Search Algorithm for Fast Block Motion Estimation, *IEEE Transactions on Circuits and Systems for Video Technology*, **Vol. 6, No.3, pp. 313-7, (June 1996)**.
24. Th. Zahariadis and D. Kalivas., A Spiral Search Algorithm for Fast Estimation Of Block Motion Vectors Signal Processing, *In Proceedings of Eighth European Signal Processing Conference*, **Vol. 2, pp. 1079-82**.
25. Kwon Moon Nam, Joon-Seek Kim and Rae-Hong Park., A Fast Hierarchical Motion Vector Estimation Algorithm using Mean Pyramid, *IEEE Transactions on Circuits and Systems for Video technology*, **Vol. 5, No.4, pp. 344-351, (August 1995)**.
26. Kyoung Won Lim and Jong Boem Ra., Improved Hierarchical Search Block Matching Algorithm by using Multiple Motion Vector Candidates, *Electronic Letters*, **Vol. 33, No.21, pp. 1771- 1772, (October 1997)**.
27. Manoj Koul., Exploring Video Compression Challenges, **Texas Instruments White Paper SPRY 129, pp. 1-3, (2009)**.
28. Mohammed Golam Sarwer and Q.M. Jonathan Wu., Enhanced SATD based Cost Function for Mode Selection of H.264/AVC Intra Coding, *Journal of Signal, Image and Video Processing*, **No. 1556, pp. 16, (2010)**.
29. ITU-T., Codec for Video Conferencing using Primary Digital Group Transmission, *ITU-T Recommendation H.120; Version 1, (1984); Version 2, (1988)*.
30. ITU-T., Video Codec for Audio Visual Services at 64Kbit/s, *ITU-T Recommendation H.261; Version 1, (Nov., 1990); Version 2, (March 1993)*.

31. ISO/IEC JTC1., Coding of Moving Pictures and Associated Audio for Digital Storage Media at Up to About 1.5 Mbit/s | Part 2: Video, *ISO/IEC 11172-2 (MPEG-1)*, **(March 1993)**.
32. ITU-T and ISO/IEC JTC1., Generic Coding of Moving Pictures and Associated Audio Information | Part 2: Video, *ITU-T Recommendation H.262/ ISO/IEC 13818-2 (MPEG-2)*, **(Nov. 1994)**.
33. ITU-T., Video Coding for Low Bit Rate Communication, *ITU-T Recommendation H.263; Version 1, (Nov., 1995); Version 2, (Jan., 1998)*.
34. Mohammed Golam Sarwer, Lai Man Po, Kai Guo and Q.M. Jonathan Wu., Transform-Domain Rate-Distortion Optimization Accelerator for H.264/AVC Video Coding Standard, *International Journal of Signal Processing.*, **Vol. 5, No. 3, pp. 238-248, (2009)**.
35. Mohammed Golam Sarwer, Lai Man Po, Kai Gu and Jonathan W., Fast Sum of Absolute Transformed Difference based 4x4 Intra Mode Decision of H.264/AVC Video Coding Standard, *Elsevier Journal of Signal Processing: Image Communications*, **Volume 23, No. 8, pp. 571-580, (September 2008)**.
36. Mohammed Golam Sarwer and Lai Man Po., Fast Bit Rate Estimation for Mode Decision of H.264/AVC, *IEEE Transaction of Circuits and System for Video Technology*, **Vol.17, No. 10, pp. 1402-07, (October 2007)**.
37. Sikora, T., The MPEG-4 Video Standard Verification Model, *IEEE Transactions on Circuits and Systems for Video Technology*, **Vol. 7, No. 1, pp. 19 - 31, (1997)**.
38. Draft ITU-T Recommendation H.264 and Draft ISO/IEC 14 496-10 AVC, *Joint Video Team of ISO/IEC JTC1/SC29/WG11 & ITU-T SG16/Q.6 Doc. JVT-G050*, **T. Wieg, Ed., Pattaya, Thailand, (March 2003)**.
39. Mohammed Golam Sarwer, AbdurRafiq MD and Ghosh BC., Sliding Mode Controller of DC Drive, *Journal of Electrical Engineering*, **Vol. EE 31, No. I & II, pp. 45-49, (December 2004)**.
40. Mohammed Golam Sarwer, AbdurRafiq Md and Ghosh BC., Adaptive Fuzzy Artificial Neural Network based Speed Controller for DC Motor Drive, *Journal of Electrical Engineering*, **Vol. EE 31, No. I& II, pp. 20-26, (December 2004)**.
41. Mohammed Golam Sarwer, Jonathan Wu QM and Zhang XP., Efficient Rate Distortion Optimization of H.264/AVC Intra Coder, *In Proceedings of International Conference on Image Proceeding*, **(2011)**.
42. Mohammed Golam Sarwer and Jonathan Wu QM., Improved DC Prediction for H.264/AVC Intra Coding, *In Proceedings of International Conference on Communication and Electronics Information*, **(2011)**.
43. Mohammed Golam Sarwer, Thanh Minh Nguyen and Jonathan Wu QM., Fast Motion Estimation of H.264/AVC by Adaptive Early Termination, *In Proceedings of the 10th IASTED International Conference*, **pp. 140-145, (2008)**.
44. Manoj Datta, AbdurRafiq Md, Mohammed Golam Sarwer and Ghosh BC., An Improved Induction Motor Rotor Flux Estimator based on Real Time Recurrent Learning Algorithm, *In Proceeding of 8th ICCIT 2005, Islamic University of Technology (IUT)*, **pp.585-590, (2005)**.

45. H.264 Video Compression Standards, *Axis Communication, White paper, (2008)*.
46. Ghanbari M., The Cross Search algorithm for Motion Estimation, *IEEE Transactions on Communications, Vol. 38, No. 7, pp. 950-3, (July 1990)*.
47. Jianhua Lu and Ming L. Liou., A Simple and Efficient Search Algorithm for Block-Matching Motion Estimation, *IEEE Transactions on Circuits and systems for video Technology, Vol. 7, No. 2, pp. 429-433, (1997)*.
48. Humaira Nisar and Tae-Sun Choi., An Advanced Center Biased Three Step Search Algorithm For Motion Estimation, *IEEE International Conference on Multimedia and Expo, Vol. 1, pp. 95 - 98, (2000)*.
49. Hussain Ahmed, Choudhury and Monjul Saikia., Reduced Three Steps Logarithmic Search for Motion Estimation, *International Conference on Information Communication and Embedded Systems (ICICES), pp. 1 - 5, (2014)*.
50. S. Soongsathitanon, W. L. Woo and S.S. Dlay., Fast Search Algorithms for Video Coding using Orthogonal Logarithmic Search Algorithm, *IEEE Transactions on Consumer Electronics, Vol. 51, No. 2, (May 2005)*.
51. Madhuri Bamankar, P. Muralidhar and C. B. Ramarao., Modified Full Search Block Matching Algorithm, *International Conference on Computing, Communications and Networking Technologies, pp. 1-4, (2013)*.
52. Eduarda Monteiro, Bruno Vizzotto, Cláudio Diniz, Bruno Zatt and Sergio Bampi., Applying CUDA Architecture to Accelerate Full Search Block Matching Algorithm for High Performance Motion Estimation in Video Encoding, *23rd International Symposium on Computer Architecture and High Performance Computing, pp. 128 - 135, (2011)*.
53. Tsung-Yi Wu, Kuang-Yao Chen, Shi-Yi Huang, Tai-Lun Li and How-Rern Lin., A VLSI Design with Built-in SRAM Arrays for Implementing Full Search Block Matching Algorithm, *International Symposium on Consumer Electronics, pp. 619 - 621, (2009)*.
54. Xuan-Quang Banh and Yap-Peng Tan., Efficient Video Motion Estimation using Dual-Cross Search Algorithms, *IEEE International Symposium on Circuits and Systems, Vol. 6, pp. 5485 – 5488, (2005)*.
55. Saeed Ranjbar Alvar, Milad Abdollahzadeh and Hadi Seyedarabi., A Novel Fast Search Motion Estimation Algorithm in Video Coding, *In Proceedings of International Symposium on Industrial Electronics, pp. 934-937, (2014)*.
56. Yasser Ismail, Jason Mc Neely, Mohsen Shaaban and Magdy A. Bayoumi., A Generalized Fast Motion Estimation Algorithm using External and Internal Stop Search Techniques for H.264 Video Coding Standard, *IEEE International Symposium on Circuits and Systems, pp. 3574 - 3577, (2008)*.
57. Sufyan Salim Mahmood AlDabbagh, Ahmed Hassan Mabrouk and Imad Fakhri Taha Al Shaikhli., An Improved Full Search Block Matching Algorithm for Imaging Applications, *International Conference on Computer and Communication Engineering (ICCCE), pp. 158 - 161, (2012)*.
58. Paramkusam AV and Reddy VSK., An Efficient Fast Full Search Block Matching Algorithm with SSD Criterion, *In proceedings of Annual IEEE India Conference, pp. 1-6, (2011)*.

59. Yih-Chuan Lin and Shen-Chuan Tai., Fast Full-Search Block-Matching Algorithm for Motion-Compensated Video Compression, *IEEE Transactions on Communications*, **Vol. 45, No. 5, pp. 527-531, (1997).**
60. Jong-Nam Kim, Sung-Cheal Byun and Yong-Hoon Kim., Fast Full Search Motion Estimation Algorithm using Early Detection of Impossible Candidate Vectors, *IEEE Transactions on Signal Processing*, **Vol. 50, No. 9, pp. 2355-65, (2002).**
61. Soonjong Jin, Sang-jun Park and Jechang Jeong., Adaptive Fast Full Search Algorithm using Partitioned Region and Optimized Search Order, *IEEE Transactions on Consumer Electronics*, **Vol. 53, No.4, pp. 1703-11, (2008).**
62. Xuan-Quang Banh and Yap-Peng Tan., Adaptive Dual-Cross Search Algorithm for Block Matching Motion Estimation, *IEEE Transaction on Consumer Electronics*, **Vol. 50, No. 2, pp. 766-775, (2004).**
63. Wen-Feng Li and Jun-Wu and Li-Feng Su., An Alternative Cross-fusiform Search Algorithm for Fast Block Matching Motion, *In proceedings of International Conference on Computer Science and Network Technology*, **pp. 1097-1101, (2013).**
64. Shiping Zhu, Jun Tian, Xiaodong Shen and Kamel Belloulata., A New Cross-Diamond Search Algorithm for Fast Block Motion Estimation, *16th IEEE International Conference on Image Processing (ICIP)*, **pp. 1581 - 1584, (2009).**
65. Shan Zhu and Kai-Kuang Ma., A New Diamond Search Algorithm for Fast Block-Matching Motion Estimation, *IEEE Transactions on Image Processing*, **Vol. 9, No. 2, pp. 287-290, (2000).**
66. Shen-Chuan Tai, Ying-Ru Chen and Yu-Hung Chen., Small-Diamond based Search Algorithm for Fast Block Motion Estimation, *Signal Processing: Image Communication*, **Vol. 22, pp. 877-890, (2007).**
67. Shan Li, Qing-Ming Yi and Min Shi., Fast Block-match Motion Estimation based on Multilevel Adaptive Diamond Search, *In proceedings of International Conference on Medical Physics and Biomedical Engineering*, **Vol. 33, pp. 1783-90, (2012).**
68. Nijad Al-Najdawi, M. Noor Al-Najdawi and Sara Tedmori., Employing a Novel Cross-Diamond Search in a Modified Hierarchical Search Motion Estimation Algorithm for Video Compression, *Information Sciences*, **Vol. 268, pp. 425-435, (2014).**
69. Bin Sun, Zhi Liu and Haixia Zhang., Novel Unsymmetrical Dual Cross-Diamond Search Algorithm for Fast Block Motion Estimation, *International Conference on Audio, Language and Image Processing*, **pp. 133-137, (2014).**
70. Chun-Ho Cheung and Lai-Man Po., A Novel Cross-Diamond Search Algorithm for Fast Block Motion Estimation, *IEEE Transactions on Circuits and Systems for Video Technology*, **Vol. 12, Issue 12, pp. 1168 - 1177, (2002).**
71. Thambidurai P, Ezhilarasan M and Ramachandran D., Efficient Motion Estimation Algorithm for Advanced Video Coding, *In proceedings of International Conference on Computational Intelligence and Multimedia Applications*, **Vol. 3, pp. 47-52, (2007).**
72. Tsung-Han Tsai and Yu-Nan Pan, A Novel 3-D Predict Hexagon Search Algorithm for Fast Block Motion Estimation on H.264 Video Coding, *IEEE Transactions on Circuits and Systems for Video technology*, **Vol. 16, No. 12, pp. 1542-49, (2006).**

73. Yuming Wu, Yun Cheng, Siwen Deng and Wenwen Chen., A Modified Octagon based Search Algorithm for Fast Block Motion Estimation, *In Proceedings of International Conference on Information Science and Control Engineering*, pp. 18-22, (2015).
74. Weixing Zhu, Xianyong Chen and Xincheng Li., A New Search Algorithm based on Muti-Octagon-Grid, *In Proceedings of International Congress on Image and Signal Processing*, pp. 1-5, (2009).
75. Shan Jia, Wenpeng Ding, Yunhui Shi and Baocai Yin., A Fast Sub-Pixel Motion Estimation Algorithm for HEVC, *IEEE International Symposium on Circuits and Systems (ISCAS)*, pp. 566 - 569, (2016).
76. Chunjiang Duanmu and Yu Zhang., A New Fast Block Motion Algorithm based on Octagon and Triangle Search Patterns for H.264/AVC, *Digital Content Technology and its Applications*, Vol. 6, No. 10, pp. 369-377, (2012).
77. Marc Bosch, Fengqing Zhu and Edward J. Delp., Segmentation based Video Compression using Texture and Motion Models, *IEEE Journal of Selected Topics in Signal Processing*, Vol. 5, No. 7, pp. 1366-77, (2011).
78. Abdullah A. Muhit, Mark R. Pickering, Michael R. Frater and John F. Arnold., Video Coding using Elastic Motion Model and Larger Blocks, *IEEE Transactions on Circuits and Systems for Video Technology*, Vol. 20, No. 5, pp. 661-672, (2010).
79. Abdullah A. Muhit, Mark R. Pickering, Michael R. Frater and John F. Arnold., Video Coding using Fast Geometry-Adaptive Partitioning and an Elastic Motion Model, *Journal of Visual Communication and Image Representation*, Vol. 23, pp. 31-41, (2012).
80. Greiner J. C, R. Sethuraman, J. van Meerbergen and G. De Haan., Object based Motion Estimation, *IEEE Transaction on Consumer Electronics*, Vol. 43, No. 4, pp. 1045-56, (1997).
81. Zhou Wei and Zhou Xin., A Fast Hierarchical 1/4-pel Fractional Pixel Motion Estimation Algorithm of H.264/AVC Video Coding, *In Proceedings of IEEE Conference on Industrial Electronics and Applications*, pp. 891-895, (2013).
82. Longfei Gao, Shengfu Dong, Wenmin Wang, Ronggang Wang and Wen Gao., A Novel Integer-pixel Motion Estimation Algorithm based on Quadratic Prediction, *IEEE International Conference on Image Processing (ICIP)*, pp. 2810 - 2814, (2015).
83. Huang Li, Yihao Zhang and Hongyang Chao., An Optimally Scalable and Cost-Effective Fractional-pixel Motion Estimation Algorithm for HEVC, *IEEE International Conference on Acoustics, Speech and Signal Processing*, pp. 1399 - 1403, (2013).
84. Erik Cuevas, Daniel Zaldívar, Marco Pérez-Cisneros, Humberto Sossa and Valentín Osuna., Block Matching Algorithm for Motion Estimation based on Artificial Bee Colony (ABC), *Applied Soft Computing*, Vol. 13, pp. 3047-59, (2013).
85. Jianwen Luo and Elisa E. Konofagou., A Fast Normalized Cross-Correlation Calculation Method for Motion Estimation, *IEEE Transactions on Ultrasonic, Ferroelectrics and Frequency Control*, Vol. 57, no. 6, pp. 1347-57, (2010).
86. Sangkwon Na and Chong-Min Kyung., Activity based Motion Estimation Scheme for H.264 Scalable Video Coding, *IEEE Transactions on Circuits and Systems for Video Technology*, Vol. 20, No. 11, pp. 1475-85, (2010).

87. Dimitrios S, Kalivas and Alexander A. Sawchuk., A 2-D Motion Estimation Algorithm, *In Proceedings of International Conference on Pattern Recognition*, **Vol. 1, pp. 271-273, (1990)**.
88. Demir B and S. Erturk., Block Motion Estimation using Adaptive Modified Two-Bit Transform, *IET Image Processing*, **Vol. 1, No. 2, pp. 215-222, (2007)**.
89. Sung-Eun Kim, Jong-Ki Han and Jae-Gon Kim., An Efficient Scheme for Motion Estimation using Multi Reference Frames in H.264/AVC, *IEEE Transactions on Multimedia*, **Vol. 8, No. 3, pp. 457-466, (2006)**.
90. Ascenso, J, Brites, C and Pereira, F., Motion Compensated Refinement for Low Comp. Pixel Based Distributed Video Coding, *In Proceedings of IEEE Conference in Advanced Video and Signal based Surveillance*, **pp. 593-598, (2005)**.
91. Zhaoqing Pan and Sam Kwong., A Direction based Unsymmetrical-Cross Multi-Hexagon-Grid Search Algorithm for H.264/AVC Motion Estimation, *Journal on Signal Processing and Systems*, **Vol. 73, pp. 59-72, (2013)**.
92. Wang AZ, Bovik C, H. R. Sheikh and E. P. Simoncelli., Image Quality Assessment: From Error Visibility to Structural Similarity, *IEEE Transactions on Image Processing*, **Vol. 13, No. 4, pp. 600-612, April (2004)**.
93. Video Codec for Audiovisual Services at $p \times 64$ kbits, *ITU-T Rec. H.261*, **(1993)**.
94. Video Coding for Low Bit Rate Communication, *Version 1, ITU-T Rec.H.263*, **(1995)**.
95. Advanced Video Coding for Generic Audiovisual Services, *ITU-T Rec.H.264 and ISO/IEC, 14496-10 AVC*, **(2003)**.
96. Ma S and Kuo CCJ., High-Definition Video Coding with Super Macro Blocks, *In Proceedings of SPIE Visual Communication Image Processing*, **Vol. 6508, pp. 650816-1-650816-12, (2007)**.
97. Mathew R and Taubman D., Hierarchical and Polynomial Motion Modeling with Quad-Tree Leaf Merging, *Proceedings of Int. Conf. on Image Processing*, **pp. 1881-84, (2006)**.
98. Wang, H and Kwong S., Rate-Distortion Optimization of Rate Control for H.264 with Adaptive Initial Quantization Parameter Determination, *IEEE Transactions on Circuits and Systems for Video Technology*, **Vol. 18, No. 1, pp. 140-144, (2008)**.
99. Huang, S, Hsieh, B, Chien S, Ma, S and Chen L., Analysis and Complexity Reduction of Multiple Reference Frames Motion Estimation in H.264/AVC, *IEEE Transactions on Circuits and Systems for Video Technology*, **Vol. 16, No. 4, pp. 507-522, (2006)**.
100. Zhao, T., Wang, H, Kwong S and Kuo C J., Fast Mode Decision based on Mode Adaptation, *IEEE Transactions on Circuits and Systems for Video Technology*, **Vol. 20, No. 5, pp. 697-705, (2010)**.
101. Wiegand T, Sullivan G J, Bjontegard G and Luthra A., Overview of the H.264/AVC Video Coding Standard, *IEEE Transaction on Circuits and Systems for Video Technology*, **Vol. 13, No. 7, pp. 560-576, (2003)**.
102. Pan, Z, and Kwong S., A Fast Inter-Mode Decision Scheme based on Luminance Difference for H.264/AVC, *Proceeding of International Conference System Science and Engineering, ICSSE'11*, **pp. 260-263, (2011)**.

103. Pan Z, Kwong S, Xu L, Zhang Y and Zhao T., Predictive and Distribution-Oriented Fast Motion Estimation for H.264/AVC, *Journal of Real-Time Image Processing*, (2012).
104. Sullivan, G J, and Wiegand, T., Rate-Distortion Optimization for Video Compression, *IEEE Signal Processing Magazine*, Vol. 15, No. 6, pp. 74–90, (1998).
105. CIPR Sequences, <http://www.cipr.rpi.edu/resource/sequences/sif.html>.
106. Aroh Barjatya., Block Matching Algorithms for Motion Estimation, *Proceedings of IEEE Transactions Evolution Computation*, pp. 1-6, (2004).
107. Nie, Yao and Kai-Kuang Ma., Adaptive Rood Pattern Search for Fast Block-Matching Motion Estimation, *IEEE Transaction on Image processing*, Vol. 11, No. 12, pp. 1442-49, (2002).
108. Zhu, Ce, Xiao Lin and Lap-Pui Chau., Hexagon based Search Pattern for Fast Block Motion Estimation, *IEEE Transactions on Circuits and Systems for Video Technology*, Vol. 12, No. 5, p. 349-355, (2002).
109. Ortega, A and Ramchandran K., Rate-Distortion Methods for Image and Video Compression, *IEEE Signal Processing Magazine*, Vol. 15, No. 6, pp. 23-50, (1998).
110. Huang, Yi-Hsin, Tao-Sheng Ou, Po-Yen, Su and Homer H. Chen., Perceptual Rate-Distortion Optimization using Structural Similarity Index as Quality Metric, *IEEE Transaction on Circuits and Systems for Video technology*, Vol. 20, No. 11, pp. 1614-24, (2010).
111. Bhaskaran, Vasudev and Konstantinos, Konstantinides., Image and Video Compression Standards: Algorithms and Architectures, *Springer Science & Business Media*, Vol. 408, (1997).
112. Ostermann, Jörn, Jan Bormans, Peter List, Detlev Marpe, Matthias Narroschke, Fernando Pereira, Thomas, Stockhammer and Thomas, Wedi., Video Coding with H. 264/AVC: Tools, Performance, and Complexity, *IEEE Circuits and Systems Magazine*, Vol. 4, No. 1, pp. 7-28, (2004).
113. Natarajan B, Bhaskaran V and Konstantinides K., Low Complexity Block based Motion Estimation via one-bit Transforms, *IEEE Transaction on Circuits and Systems for Video Technology*, Vol. 7, No. 4, pp. 702-706, (1997).
114. Renxiang Li, Bing Zeng and Ming L. Liou, A New Three-Step Search Algorithm for Block Motion Estimation, *IEEE Transactions on Circuits and Systems for Video Technology*, Vol. 4, no. 4, (August 1994).