

2002 - 2012	Professor, Hellenic Open University, Greece
1998 - 2002	Associate Professor, University of Patras, Greece
1992 - 1998	Assistant Professor, University of Patras, Greece
08/96 - 02/97	Visiting Research Scientist, DEEE, Imperial College of Science, Technology and Medicine, London, England
07/91 - 08/91	Visiting Research Scientist, DEEE, Imperial College of Science, Technology and Medicine, London, England
1988 - 1989	Visiting Research Scientist, DEEE, Imperial College of Science, Technology and Medicine, London, England
1988 - 1992	Lecturer, Dept of Physics, University of Patras, Greece
1986 - today	Senior Research Scientist, Research Academic Computer Technology Institute (CTI), Patras, Greece
1986 - 1988	Post Doctoral Research Associate, Dept of Physics, Univ. of Patras, Greece
1981 - 1986	Research Assistant, Dept of Physics, University of Patras, Greece
07/80 - 01/81	Research Assistant, Dept of EE, University of Patras, Greece

DISTINCTIONS

2010	Co-recipient of the Best Student Paper Award for the track "Optics, Photonics and Digital Technologies for Multimedia Applications" (Conference Program Track 7723) of the SPIE Photonics Europe Conference, Brussels, Belgium, 12-16 April, 2010
2010	IEEE Region 8 Circuits and Systems Chapter-of-the-Year Award
2005	IEEE Circuits and Systems Chapter-of-the-Year Award
2000	Co-recipient of the first place Chester Sall Award for the best paper in the 2000 IEEE Transactions on Consumer Electronics
1988 - 1989	HOSME Fellowship
1976 - 1980	Greek State Scholarships Foundation (IKY) - annual scholarships

PROFESSIONAL AFFILIATIONS

IEEE	Senior Member (Institute of Electrical and Electronic Engineers)
IEE (CEng)	Member (The Institution of Electrical Engineers - Chartered Engineer)
EURASIP	Member (European Association for Signal and Image Processing)
GAIPDM	Member (Greek Association of Image Processing and Digital Media)
TCG	Member (Technical Chamber of Greece)
HSP	Member (Hellenic Society of Physicists)

PROFESSIONAL ACTIVITIES

- Chair IEEE Greece Section (2010 - today)
- Vice-Chair IEEE Greece Section (2005 - 2010)
- Chair Greek Association of Image Processing and Digital Media (GAIPDM) (2005 - today) (GAIPDM is a member of IAPR)

- Dean / Acting Dean / Deputy Dean of the School of Science and Technology, Hellenic Open University (2004 - 2012)
- Head of Computer Science, Hellenic Open University (2003 - 2012)
- Member of the Academic Committee for Distance Education of the Greek NARIC
- Chair of the Technical Council of the Hellenic Open University, Greece (2005-2007)
- Chair of the IEEE CAS Chapter in Greece (Awarded as the best Chapter for the years 2005 & 2009) (1998- 2009)
- Chair of the IEEE SSCS Chapter in Greece (1998 - 2009)
- Member of the Steering Committee of DSP Int Conferences
- Counselor of the IEEE Univ. of Patras Student Branch (2005 - today)
- Associate Editor for the IEEE Signal Processing Letters
- Associate Editor for the Journal of Real-Time Image Processing - Springer
- Associate Editor for the Pattern Recognition - Elsevier
- Technical Coordinator of the WG6 on image and video coding of the Hellenic Organization for Standardization
- General Chair of the 18th Int. Conf. on Digital Signal Processing (DSP2013)
- General Co-Chair of the 17th Int. Conf. on Digital Signal Processing (DSP2011)
- General Chair of the 16th Int. Conf. on Digital Signal Processing (DSP2009)
- Chair of the 1st Int. LeGE-WG Workshop entitled 'Towards a European Learning Grid Infrastructure', 16 Sep 2002, Lausanne, Switzerland
- General Co-Chair of the 14th IEEE Int. Conf. on Digital Signal Processing (DSP2002)
- Chair of the Technical Programme Committee of the 13th IEEE Int. Conf. on Digital Signal Processing (DSP97)
- Reviewer for Journals and Funding Agencies: IEEE Transactions on Signal Processing; IEEE Signal Processing Letters; IEEE Transactions on Image Processing; IEEE Transactions on Computers; IEEE Transactions on Circuits and Systems-II: Analog & Digital Signal Processing; IEE Proceedings Vision, Image and Signal Processing; Electronics Letters; Journal of Electronic Imaging - The SPIE Journal; Signal Processing: Image Communication; Image and Vision Computing Journal; Journal of Systems Architectures: The EUROMICRO Journal; NATO Collaborative Research Grants; Belgian National Fund for Scientific Research; Academy of Finland & National Natural Science Foundation of China (NSFC)
- Reviewer for a number of Int. Conferences on Signal - Image - Video Processing
- IST / EACEA Proposal Evaluator
- IST Project Reviewer
- Professional accreditation examiner of the Technical Chamber of Greece (1988 - today).

Foreign languages: English, German

MAIN RESEARCH INTERESTS

- Signal, Image and Video Processing / Analysis

- Image and Video Coding
- Watermarking of Still and Moving Pictures
- IPR protection in Digital Media
- Fast Transform Algorithms; Time / Space Optimisation of Computationally Intensive Algorithms
- Digital Signal Processors and Microprocessors; Real-time implementation of DSP algorithms

CONTRIBUTIONS TO CONDUCTING AND ORGANISING INT. CONFERENCES

- Standing Committee Member of the Int. Conferences on Dig. Signal Processing
- General Chair of the 18th Int. Conf. On Digital Signal Processing (DSP2013)
- Program Committee Member and Special Session Co-Organiser (Challenges in Signal Processing for Forensics): SPIE Photonics Europe 2012, 16-20 April 2012, Brussels, Belgium
- General Co-Chair of the 17th Int. Conf. On Digital Signal Processing (DSP2011)
- Technical Co-Chair of the 2nd Int. Conf. On Space Technology (ICST 2011)
- Program Committee Member and Special Session Co-Organiser (Steganography and Watermarking for Multimedia Content and Services): SPIE Photonics Europe 2010, 12-16 April 2010, Brussels, Belgium
- General Chair of the 16th Int. Conf. On Digital Signal Processing (DSP2009)
- Organising Committee Member of the IEEE Int. Conf. on Circuits and Systems (ISCAS 2006)
- Special Session Co-Organiser (Recent Advances in JPEG2000): IEEE Int. Conf. on Circuits and Systems (ISCAS 2006), 21-24 May 2006, Kos, Greece
- Special Session Co-Organiser (Multimedia Processing for Intelligent Environments): IET 2nd Int. Conf. on Intelligent Environments (IE'06), 5-6 July 2006, Athens, Greece
- Organiser of the 1st Int. LeGE-WG Workshop entitled 'Towards a European Learning Grid Infrastructure', 16 Sep 2002, Lausanne, Switzerland
- General Co-Chair of the 14th IEEE Int. Conf. On Digital Signal Processing (DSP2002)
- Special Session Organiser (JPEG2000 Implementations: Algorithms and Architectures): 2002 14th Int. Conference on Digital Signal Processing (DSP2002), Santorini, Greece
- Co-organiser and co-chair of the special session on 'Pattern Recognition for Medical Image Analysis', of the VI Int. Conference on Medical Physics, 1-4 Sep. 1999, Patras, Greece.
- Program Committee Member: 1998 IEEE Int. Workshop on Intelligent Signal Processing and Communication Systems (ISPACS'98), Melbourne, Australia
- Organising Committee Member: IX European Signal Processing Conference (EUSIPCO-98), Rhodos, Greece

- Chair of the Technical Programme Committee and Special Session Organiser (Orthogonal Transforms: Algorithms and Applications): 1997 13th Int. Conference on Digital Signal Processing (DSP97), Santorini, Greece
- Organising Committee and Sessions Chair (Digital Image Processing) 1996 Third IEEE Int. Conference on Electronics, Circuits and Systems (ICECS'96), Rhodes, Greece
- Organising Committee Member - Programme Committee Member – Session Chair of numerous Int. Conferences

PARTICIPATION IN PROGRAMMES

European:

2010 - 2014	COST IC 1003: Qualinet – European Network on Quality of Experience in Multimedia Systems and Services
2004 - 2006	IST (IP): E-LeGI: European Learning Grid Infrastructure
2002 - 2004	IST: LeGE-WG project: Learning Grid of Excellence Working Group
1998 - 1999	ESPRIT: EUROSTILL project "A Concerted European Initiative towards the Standardisation of the next Generation Still Image Compression - JPEG 2000"
1999	European Parliament STOA study: "Development of Surveillance Technology & Risk of Abuse of Economic Information"
1997 - 1999	GR-UK: Joint Research & Technology Programmes: "Low Bitrate Colour Video Coding for Personal Communication System Applications"
1997 - 1999	SOCRATES: ACIS project "Acting Competences for the Information Society"
1994 - 1996	Human Capital and Mobility: "Vision Algorithms and Optical Computer Architectures"
1994 - 1996	TIDE: "European Sign Language Interactive"
1994 - 1995	EUROMANAGEMENT R&TD II
1993	COMETT
1992	TEMPUS: "Development of the Graduate and Post-Graduate Education in Signals, Circuits and Systems at the Polytechnic Institute of Bucharest, Romania"
1992 - 2012	ERASMUS / SOCRATES
1991	EUROMANAGEMENT R&TD I: Pilot Scheme for R&TD Audits
1989 -	MOTOROLA University Support Programme

National:

2005 - 2009	GSRT (PENED 2003): "Research on New Methods for the Management and Transmission of Augmented Reality Data"
2003 - 2005	GSRT (e-LEARNING): "Server for Teaching the Greek Language (EAGLE)"
2003 - 2005	GSRT (PRAXE 2002): "IPR Protection System (STIGMA)"

- 2003 - 2005 GSRT (PABET NE): "Development of on Integrated System for the Protection of IPR"
- 2001 - 2003 GSRT (PABET): "Watermarking of Images"
- 2000 - 2001 GSRT (EPET II): "Human Networks For the Dissemination of the S+T Knowledge for Teleworking"
- 1998 - 2001 GSRT (YPER): "Watermarking of Digital Images"
- 1995 - 1997 GSRT (EPET II): "Human Networks For the Dissemination of the S+T Knowledge"
- 1994 - 1995 GSRT (SYN): "Videoconferencing System In an Industrial Environment"
- 1995 - 1996 GSRT (PABE): "Integrated Educational System for Mentally Handicapped Children"
- 1987 - 1988 BILATERAL COOPERATION "Computer Based Diagnostic Methods for the Measurement of the Bio-impedance"
- 1986 - 1987 GSRT "2-D Digital Filter Implementation"
- 1986 - 1988 GSRT "Design and Construction of an Electronic Device for the Monitoring of Infants' Heart and Brain Functioning"

PUBLICATIONS

BOOKS

- SCHELKENS, P., SKODRAS, A.N., EBRAHIMI, T. (Eds): "The JPEG2000 Suite", Wiley-Blackwell, Aug. 2009
- SKODRAS, A.N.: "Digital Design II", Hellenic Open University, 2008 (in Greek)
- SKODRAS, A.N. FOTOPOULOS, V. and ILIAS, A.: "Digital Systems: Laboratory Exercises on Digital Design, Computer Architecture, Microprocessors", Hellenic Open University, 2006 (in Greek)
- SKODRAS, A.N. and ANASTASSOPOULOS, V.: "Digital Signal and Image Processing", Hellenic Open University, 2003 (in Greek)
- ANASTASSOPOULOS, V. and SKODRAS, A.N.: "Introduction to Informatics", Hellenika Grammata Publishers, 2001 (in Greek)
- SKODRAS, A.N.: "Digital Electronics - Integrated Circuits TTL - MOS", University of Patras, Lecture Notes, 1997 (in Greek)
- ZIGOURIS, E. and SKODRAS, A.N.: "Digital Electronics - Laboratory Exercises", University of Patras, Lecture Notes, 1997 (in Greek)
- DELIYANNIS, T. and SKODRAS, A.N.: "Exercises on Analogue and Digital Electronics Circuits", M. Hatziouannou Publications, Patras, Greece, 1993 (in Greek)

PATENTS

- SKODRAS, A.N. and CHRISTOPOULOS, C.A.: "Down-Scaling of Images", PCT/SE98/00448, 1998.

- SKODRAS, A.N. and CHRISTOPOULOS, C.A.: "Efficient Down-Scaling of DCT Compressed Images", May 1998.

A. DISSERTATIONS

- A1. SKODRAS, A.N.: "New Techniques for Fast Digital Filter Implementation Using Microprocessors", PhD Dissertation (in Greek), University of Patras, Patras, Greece, 1986.

B. JOURNAL PUBLICATIONS

- B1. SKODRAS, A.N.: "On the Use of Look-Up Tables in the Microprocessor Implementation of Digital Filters", *Int. J. Electronics*, Vol. 55, No. 4, pp. 675-679, 1983.
- B2. SKODRAS, A.N. and DELIYANNIS, T.: "Bandwidth Improvement in IIR Digital Filters", *Int. J. Electronics*, Vol. 56, pp. 669-675, 1984.
- B3. SKODRAS, A.N. and ZIGOURIS, E.: "Automatic Unit Delay Execution Circuit for Digital Signal Processing Systems Based on General Purpose Microprocessors", *Electronics Letters*, Vol. 24, No.8, pp. 481-482, 1988.
- B4. SKODRAS, A.N. and CONSTANTINIDES, A.G.: "Efficient Input-Reordering Algorithms for Fast DCT", *Electronics Letters*, Vol. 27, No. 21, pp. 1973-1975, 10 Oct 1991.
- B5. SKODRAS, A.N. and CONSTANTINIDES, A.G.: "Efficient Computation of the Split-Radix FFT", *IEE Proceedings-F*, Vol. 129, No. 1, pp. 56-60, Feb. 1992.
- B6. KOLITSI, Z., PANAGIOTAKIS, G., ANASTASSOPOULOS, V., SKODRAS, A.N. and PALLIKARAKIS, N.: "A Multiple Projection Method for Digital Tomosynthesis", *Med. Phys.* 19 (4), pp. 1045-1050, Jul/Aug 1992.
- B7. SKODRAS, A.N. and CHRISTOPOULOS, C.A.: "Split-Radix Fast Cosine Transform Algorithm", *Int. J. Electronics*, Vol. 74, No 4, pp. 513-522, 1993.
- B8. CHRISTOPOULOS, C.A. and SKODRAS, A.N.: "Adaptive DCT Coding of Images", *Int. J. Electronics*, Vol. 75, No. 4, pp. 627-639, 1993.
- B9. SKODRAS, A.N.: "Fast Discrete Cosine Transform Pruning", *IEEE Trans. on Signal Processing*, Vol. 42, No. 7, pp. 1833 - 1837, July 1994.
- B10. CHRISTOPOULOS, C.A., BORMANS, J., CORNELIS, J. and SKODRAS, A.N.: "The Vector-Radix Fast Cosine Transform: Pruning and Complexity Analysis", *Signal Processing*, 43, pp. 197-205, 1995.
- B11. WALMSLEY, N.P., SKODRAS, A.N. and CURTIS, K.M.: "A Fast Picture Compression Technique", *IEEE Trans. on Consumer Electronics*, Vol. 40, No. 1, pp. 11-19, Feb. 1994.
- B12. CHRISTOPOULOS, C.A., PHILIPS, W. SKODRAS, A.N. and CORNELIS, J.: "Segmented Image Coding: Techniques and Experimental Results", *Signal Processing: Image Communication Journal*, Vol. 11, pp. 63-80, Nov. 1997.
- B13. RUIZ, V. and SKODRAS, A.N.: "Approximated Densities for Block-Based Motion Estimation", *Electronics Letters*, Vol. 33, No. 16, pp 1364-1365, 31st July 1997.

- B14. CHRISTOPOULOS, C.A., and SKODRAS, A.N.: "New Schemes for Progressive Transmission of Digital Images", *IEEE Trans. on Consumer Electronics*, Vol. 43, No 4, pp. 1028-1033, Nov. 1997.
- B15. SKODRAS, A.N.: "Direct Transform to Transform Computation", *IEEE Signal Processing Letters*, Vol. 6, No 8, pp. 202-204, Aug. 1999.
- B16. CHRISTOPOULOS, C.A., SKODRAS, A.N., and EBRAHIMI, T.: "The JPEG2000 Still Image Coding System: An Overview", *IEEE Trans. on Consumer Electronics*, Vol. 46, No. 4, pp. 1103-1127, Nov. 2000.
- B17. SKODRAS, A.N., CHRISTOPOULOS, C.A., and EBRAHIMI, T.: "JPEG2000: The Upcoming Still Image Compression Standard", (invited paper), *Pattern Recognition Letters*, Vol. 22, pp. 1337-1345, Oct. 2001.
- B18. SKODRAS, A.N., CHRISTOPOULOS, C.A., and EBRAHIMI, T.: "The JPEG2000 Still Image Compression Standard", (invited paper), *IEEE Signal Processing Magazine*, pp. 36-58, Sep. 2001.
- B19. FOTOPOULOS, V. and SKODRAS, A.N.: "Improved Watermark Detection Based on Similarity Diagrams", *Signal Processing: Image Communication*, Vol. 17, pp. 337-345, 2002.
- B20. GEORGAKILAS, A.A., CHRISTOPOULOU, E.B., SKODRAS, A.N. and KOUTCHMY, S.: "Chromospheric Evershed Flow", *Astronomy and Astrophysics*, A&A 403, 1123-1133, 2003.
- B21. CHRISTOPOULOU, E.B., SKODRAS, A.N., GEORGAKILAS, A.A. and KOUTCHMY, S.: "Wavelet Analysis Of Umbral Oscillations", *The Astrophysical Journal*, 591:416-431, 1 July 2003.
- B22. FOTOPOULOS, V. and SKODRAS, A.N.: "Digital Image Watermarking: An Overview", *EURASIP Newsletter*, ISSN 1687-1421, Vol. 14, No. 4, pp. 10-19, Dec. 2003.
- B23. SKODRAS, A.N.: "Fast Discrete Pascal Transform", *IEE Electronics Letters*, 9th Nov. 2006, Vol. 42, No. 23, pp. 1367-1368, 2006.
- B24. GILANI, S.A.M., and SKODRAS, A.N.: "Adaptive Image Watermarking using Multiple Transforms", *International Review on Computers and Software* (ISSN 1828-6003), Nov. 2007.
- B25. GILANI, S.A.M., KOSTOPOULOS, I., and SKODRAS, A.N.: "Multipurpose Color Image Watermarking", *Int. Journal of Computers and Their Applications* (ISSN 1076-5204), Vol. 15, No. 1, pp. 2-10, March 2008.
- B26. KAPOTAS, S.K. and SKODRAS, A.N.: "Real Time Data Hiding by Exploiting the IPCM Macroblocks in H.264/AVC Streams", *J Real-Time Image Proc*, Vol. 4, No. 1, pp. 33-41, March 2009.
- B27. VLACHOS, A., FOTOPOULOS, V. and SKODRAS, A.N.: "Low Bit Depth Representation Motion Estimation Algorithms: A Comparative Study", *Journal of Real-Time Image Processing*, Springer, Vol. 5, Issue 3, pp. 141-148, Sep. 2010.
- B28. FOTOPOULOS, V., STAVRINO, M. and SKODRAS, A.N.: "Authentication and Self-Correction in Sequential MRI Slices", *Journal of Digital Imaging* (Springer), 14 Oct 2010.

- B29. KAPOTAS, S.K. and SKODRAS, A.N.: "Bit Rate Transcoding of H.264 Encoded Movies by Dropping Frames in the Compressed Domain", IEEE Trans on Consumer Electronics, Vol. 56, No. 3, pp. 1593-1601, Aug. 2010.
- B30. KOSTARAS, N., XENOS, M., and SKODRAS, A.N.: "Evaluating Usability in a Distance Digital Systems Laboratory Class", IEEE Trans on Education, Vol. 54, No. 2, pp. 308-313, May 2011.
- B31. CHRYSOCHOS, E., FOTOPOULOS, V. and SKODRAS, A.N.: "A New Difference Expansion Transform in Triplets for Reversible Data Hiding", International Journal of Computer Mathematics, Vol. 88, Issue 10, pp. 2016-2025, 2011.
- B32. VARSAKI, E.E., FOTOPOULOS, V. and SKODRAS, A.N.: "Data Hiding Based on Image Texture Classification", Signal, Image and Video Processing (Springer-Verlag), (DOI 10.1007/s11760-011-0229-5, 18 May 2011), Volume 7, Issue 2, pp 247-253, March 2013.
- B33. DELIGIANNIS, N., BARBARIEN, J., JACOBS, M., MUNTEANU, A., SKODRAS, A.N. and SCHELKENS, P.: "Side-Information Dependent Correlation Channel Estimation in Hash-Based Distributed Video Coding", IEEE Trans. on Image Processing, vol. 21, no. 4, pp. 1934-1949, April 2012.
- B34. KITSOS, P., SKLAVOS, N., PAROUSI, M. and SKODRAS, A.N.: "A comparative study of hardware architectures for lightweight block ciphers", Elsevier Computers & Electrical Engineering, vol. 38, no. 1, pp. 148-160, 2012.
- B35. KITSOS, P., SKLAVOS, N., PROVELENGIOS, G. and SKODRAS, A.N.: "FPGA-based Analysis of Stream Ciphers ZUC, Snow3g, Grain v1, Mickey v2, Trivium and E0", Elsevier Microprocessors and Microsystems: Embedded Hardware Design (MICRO), vol. 37, no. 2, pp. 235-245, March 2013.
- B36. CHRYSOCHOS, E., FOTOPOULOS, V., XENOS, M. and SKODRAS, A.N.: "Hybrid Watermarking Based on Chaos and Histogram Modification", Signal, Image and Video Processing (Springer), DOI 10.1007/s11760-012-0307-3, 5 May 2012.
- B37. VARSAKI, E.E., FOTOPOULOS, V. and SKODRAS, A.N.: "A Discrete Gould Transform Data Hiding Scheme", Mathematical Methods in the Applied Sciences (John Wiley & Sons), 2013.

BC. BOOK CHAPTER PUBLICATIONS

- BC1. SKODRAS, A.N.: "The JPEG2000 Image Compression Standard In Mobile Health", *MHealth Emerging Mobile Health Systems Series: International Topics in Biomedical Engineering*, Istepanian, R., Laxminarayan, S., and Pattichis, C. (Eds.) 2006, ISBN: 0-387-26558-9.
- BC2. COLYER, G.J., BUCKLEY, R.R. and SKODRAS, A.N.: "Digital Culture Imaging", *The JPEG 2000 Suite*, The Wiley-IS&T Series in Imaging Science and Technology, P. Schelkens, A.N. Skodras, T. Ebrahimi (Eds.), 2009.
- BC3. EBRAHIMI, T., SKODRAS, A.N. and SCHELKENS, P.: "Ongoing Standardization Efforts", *The JPEG 2000 Suite*, The Wiley-IS&T Series in Imaging Science and Technology, P. Schelkens, A.N. Skodras, T. Ebrahimi (Eds.), 2009.

C. CONFERENCE PUBLICATIONS (INTERNATIONAL)

- C1. SKODRAS, A.N. and DELIYANNIS, T.: "Digital Filters Implemented Using μ P MC6802 With Improved Bandwidths", Proc. of MECO'83 IASTED International Symposium, Vol. 2, pp. 600-602, Athens, Greece, Sept. 1983.
- C2. SKODRAS, A.N. and DELIYANNIS, T.: "Multiple-Microprocessor Implementation of IIR Digital Filters", Proc. of International Conference on Digital Signal Processing, pp.238-241, Florence, Italy, Sept. 1984.
- C3. SKODRAS, A.N. and DELIYANNIS, T.: "Three Methods for 16-bit Microprocessor Implementation of Digital Filters", Proc. of DIGITECH IMACS European Meeting, pp.93-98, Patras, Greece, July 1985.
- C4. SKODRAS, A.N.: "Real-Time Multi-Microprocessor Digital Filtering", Proc. of MIC'88, IASTED International Conference, pp.297-300, Grindewald, Switzerland, Feb. 1988.
- C5. SKODRAS, A.N.: "A Comparison of two FFT Implementations on a General Purpose Digital Signal Processor", Proc. of MIMI'89 ISMM International Conference on Mini and Microcomputers and Their Applications, Zurich, Switzerland, June 1989.
- C6. SKODRAS, A.N.: "Fast Computation of the Real-Valued Split-Radix FFT", Proc. of the International Conference on Signal Processing 1990, Beijing, China, Oct. 1990.
- C7. STOURAITIS, T. and SKODRAS, A.N.: "Parallel Implementations of Inner Product Step Processors", Proc. of PC'91 ISMM International Workshop on Parallel Computing, Trani, Italy, pp.32-35, Sept. 1991.
- C8. SKODRAS, A.N.: "A Fast Input-Reordering Algorithm for the Discrete Cosine Transform", Proc. Int. Conference on Acoustics, Speech and Signal Processing (ICASSP-92), San Francisco, pp. V53-V56, March 23-26 1992.
- C9. SKODRAS, A.N. and CONSTANTINIDES, A.G.: "A Fast Recursive Input-Reordering Algorithm", Proc. Int. Conf. on DSP & CAES'93, Nicosia, Cyprus, pp. 380-383, July 14-16, 1993.
- C10. SKODRAS, A.N., CURTIS, K.M., STOURAITIS, T. and WALMSLEY, N.: "A Fast Cosine Pruning Algorithm", Proc. Int. Conf. on DSP & CAES'93, Nicosia, Cyprus, pp. 396-401, July 14-16, 1993.
- C11. CHRISTOPOULOS, C.A., PHILIPS, W., SKODRAS, A.N. and CORNELIS, J.: "Discrete Cosine Transform Coding of Images", Proc. Int. Conf. on DSP & CAES'93, Nicosia, Cyprus, pp. 164-169, July 14-16, 1993.
- C12. CHRISTOPOULOS, C.A. and SKODRAS, A.N.: "On the Computation of the Fast Cosine Transform", Proc. of ECCTD'93, Davos, Switzerland, Aug. 30 - Sep. 3, 1993.
- C13. CHRISTOPOULOS, C.A. and SKODRAS, A.N.: "Pruning the Two-Dimensional Fast Cosine Transform", Proc. of EUSIPCO '94, Edinburgh, UK, 13-16 Sept. 1994.
- C14. CHRISTOPOULOS, C.A., BORMANS, J., SKODRAS, A.N. and CORNELIS, J.: "On the Efficient Computation of the Two-Dimensional Fast Cosine Transform", Proc. SPIE Hybrid Image and Signal Processing IV, SPIE Vol. 2238, pp.229-237, Orlando, Florida, 5-8 April 1994. (D.P. Casasent and A.G. Tescher, Editors).
- C15. CHRISTOPOULOS, C.A., SKODRAS, A.N. and CORNELIS, J.: "Comparative Performance Evaluation of Algorithms for Fast Computation of the Two-

- Dimensional DCT", IEEE Benelux & ProRISC Workshop on Circuits, Systems and Signal Processing, Papendal, The Netherlands, 23-24 March 1994.
- C16. CHRISTOPOULOS, C.A., SKODRAS, A.N. and CORNELIS, J.: "Modelling the 2-D FCT on a Multiprocessor System", Proc. of the 3rd Int. Workshop on Algorithms and Parallel VLSI Architectures, Leuven, Belgium, 29-31 Aug. 1994.
- C17. CHRISTOPOULOS, C.A., SKODRAS, A.N.: "Parallel Implementation of Segmented Image Coding", Proc. IEE Fifth Int. Conf. on Image Processing and its Applications, Edinburgh, pp.554-558, UK, 3-6 July 1995.
- C18. CHRISTOPOULOS, C.A., SKODRAS, A.N., PHILIPS, W., CORNELIS, J. and CONSTANTINIDES, A.G.: "Progressive Very Low Bit Rate Image Coding", Int. Conf. on Digital Signal Processing, pp. 433-438, Limassol, Cyprus, 26-28 June 1995.
- C19. CHRISTOPOULOS, C.A., SKODRAS, A.N. and CORNELIS, J.: "Parallel Image Compression Algorithms", Int. Conf. on Digital Signal Processing, pp. 227-232, Limassol, Cyprus, 26-28 June 1995.
- C20. NEIL, G., CURTIS, K.M. and SKODRAS, A.N. "Spatially Invariant Object Recognition Using Fractal Transformations", Int. Conf. on Digital Signal Processing, pp. 590-595, Limassol, Cyprus, 26-28 June 1995.
- C21. SKODRAS, A.N. and CONSTANTINIDES, A.G.: "Radix-3 Fast Discrete Cosine Transform Algorithm", Int. Conf. on Digital Signal Processing, pp. 819-824, Limassol, Cyprus, 26-28 June 1995.
- C22. CHRISTOPOULOS, V.A., CHRISTOPOULOS, C.A., CORNELIS, J. and SKODRAS, A.N.: "A New Contour Simplification Filter for Region-Based Coding", Proc. of the VII European Signal Processing Conference, EUSIPCO-96, Trieste, Italy, 10-13 Sept. 1996.
- C23. KALLES, D. and SKODRAS, A.N. "Motion Estimation and DCT Pruning: A Combined Approach to Video Coding", Proc. of the 3rd IEEE Int. Conf. on Electronics, Circuits and Systems (ICECS '96), pp. 736-739, Rodos, Greece, 13-16 October 1996.
- C24. CHRISTOPOULOS, C.A., SKODRAS, A.N., PHILIPS, W. and CORNELIS, J.: "Switched Segmented Image Coding- JPEG Schemes for Progressive Image Transmission", Proc. of the 3rd Int. Workshop in Signal and Image Processing, IWSIP-96, Manchester, UK, 4-7 Nov. 1996.
- C25. RUIZ, V., FOTOPOULOS, V., SKODRAS, A.N., and CONSTANTINIDES, A.G.: "An 8x8 Block Based Motion Estimation Using Kalman Filter", ICIP-97, Santa Barbara, Oct. 26-29, 1997.
- C26. RUIZ, V., and SKODRAS, A.N.: "Motion Estimation Through Approximated Densities", 13th Int. Conf. on Digital Signal Processing, DSP97, Santorini, Greece, 2-4 July 1997.
- C27. SKODRAS, A.N. and CHRISTOPOULOS, C.A.: "Down-Sampling of Compressed Images in the DCT Domain", VIII European Signal Processing Conference, EUSIPCO-98, Island of Rhodes, Greece, 8-11 Sep. 1998.
- C28. FOTOPOULOS, V., and SKODRAS, A.N.: "sMAE: An Improved Block Matching Criterion", Proc. of the 5th IEEE Int. Conf. on Electronics, Circuits and Systems (ICECS '98), Lisbon, Portugal, 7-10 Sep. 1998.

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