

List of Publications

- /1/ M.F.CARLSOHN, PH.W.BESSLICH: An Adaptive Dither Method for Contour Enhancement and Suppression of Artifacts, Proc. of the 2nd European Signal Processing Conference (EUSIPCO), Erlangen (FRG), Sept. 1983, pp. 155-158
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- /3/ M.F.CARLSOHN: Adaptive WH-Transform Encoding of Pictures by Variable Subpicture Size, Proc. of the 2nd Internat. Conf. on New Systems and Services in Telecommunication, G. Cantraine (Ed.), Liege (Belgium), Nov. 1983
- /4/ PH.W.BESSLICH, M.F.CARLSOHN: Dither Processing of Images using Variable-size Matrices, Proc. of the National Symposium on Image Signal Processing, IIT Madras (India), Jan. 1984
- /5/ M.F.CARLSOHN, PH.W.BESSLICH: Adaptive Selection of Threshold Matrix Size for Pseudo-Gray Rendition of Images, Proc. of SPIE's 28th Annual International Technical Symposium on Optics and Electro-Optics, San Diego (USA), Aug. 1984, Vol. 504
- /6/ M.F.CARLSOHN: Bilddatenkompression mit lokal veränderlicher Auflösung, Tagungsband des 5. Aachener Kolloquiums: Mathematische Methoden in der Signalverarbeitung, Aachen (FRG), Sept. 1984, pp. 171-172
- /7/ M.F.CARLSOHN: Adaptive Bildsegmentierung im Sequenzbereich der WHT zur lokal veränderlichen Auflösung, DAGM/ÖAGM-Symposium Mustererkennung, Graz (Austria), Okt. 1984, Informatik-Fachberichte 87, Springer-Verlag Berlin, pp. 336-337
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- /11/ M.F.CARLSOHN: Datenreduktion bei der digitalen Übertragung von Bildsignalen durch lokal veränderliche Auflösung, Fortschritt-Berichte VDI Reihe 10, Dissertation University of Bremen, 1986 (text book in German)
- /12/ M.F.CARLSOHN: Adaptive Selection of Block Aperture in Transform Coding of Images, Proc. of the 4th Internat. Symposium on Optical and Opto-Electronic Applied Science and Engineering, The Hague (The Netherlands), April 1987
- /13/ M.F.CARLSOHN: Detail-adaptive Transform Coding of Images using Hierarchical Block Segmentation, Proc. of the Picture Coding Symposium PCS 87, Stockholm (Sweden), June 1987, pp. 77-78
- /14/ C.ANDERER, U.THÖNNESSEN, M.F.CARLSOHN, A.KLONZ: Ein Bildsegmentierer für die echtzeitnahe Verarbeitung, DAGM-Symposium Mustererkennung 1989, Hamburg (FRG), Oct. 1989, Springer-Verlag, Informatik-Fachberichte pp. 380-384
- /15/ A.VIEWEG, M.F.CARLSOHN: Modellgesteuerte Konturverfolgung zur vollständigen Segmentierung von Bildern, DAGM-Symposium Mustererkennung 1990, Oberkochen-Aalen (FRG), Sept. 1990, Springer-Verlag, Informatik-Fachberichte 254, pp. 503-510
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- /17/ M.F. CARLSOHN, L. GRUBER: Matching: Check Points within the Framework of a Knowledge-based Visual Inspection System, in: Expert Systems and Robotics, T.Jordanides and B. Torby (Eds.), NATO ASI Series, Vol. F71, Springer Verlag 1991, pp. 35-52
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- /19/ S. ULRICH, M.F. CARLSOHN: Topology Modeling of Industrial Workpieces by Phase Shift Moire Techniques, DIP 92 Proc. of the 3rd Internat. Seminar on Digital Image Processing in Medicine, Remote Sensing and Visualization of Information, Latvian Academy of Sciences, Riga (Latvia), April 1992, pp. 142-146
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