

A. 期刊論文

1. Ken-Chung Ho, "Inverse error-diffusion using iterated conditional modes," *Displays, In Press*, Available online 23 July 2009, DOI: 10.1016/j.displa.2009.07.001. (NSC89-2213-E239-010) (SCI)
2. Ken-Chung Ho, "Iterated conditional modes for inverse dithering," *Signal Processing*, vol. 90, pp. 611-625, 2010. (NSC89-2213-E239-010) (SCI)
3. Ken-Chung Ho, "A simple algorithm for inverse halftoning of gray-level images," *Journal of National Lien-Ho Institute of Technology (聯合學報)*, vol. 21, pp. 107-112, 2002. (NSC-89-2213-E239-010)
4. Ken-Chung Ho, "Application of partition-function networks for parameter estimation and classification of Markov random field images," *ChienKuo Journal (建國學報)*, ChangHua, Taiwan, vol. 16, pp. 371-385, June 1997.
5. Ken-Chung Ho and Bin-Chang Chieu*, 1997, "Unsupervised image segmentation using adaptive fragmentation in parallel MRF-Based windows followed by Bayesian clustering," *IEICE Trans. on Information and Systems*, vol. E80-D, pp. 1109-1121. (NSC-86-2213-E011-051) (SCI)
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B. 研討會論文

1. Ken-Chung Ho*, Yu-Chang Tzeng, and Chun-Long Woo, "Markov random field model-based soil moisture content segmentation from MODIS satellite data," accepted, to appear in the *2009 IEEE International Geoscience & Remote Sensing Symposium*, Cape Town, Africa, July 12-17, 2009.
2. Ken-Chung Ho* and Jing-Cheng Liao, "Error-diffusion fitting of direct-binary-search halftones," *Proceedings of ninth IEEE International Symposium on Multimedia 2007 - Workshops*, pp. 104-109, Taichung, Dec. 10-12, 2007.
3. Ken-Chung Ho, "Statistical dither estimation and inverse dithering," *Proceedings of the NWICT'07*, pp. 137-142, Taipei, Apr. 25, 2007.
4. Ken-Chung Ho* and Jr-Shian Juang, "Error-diffusion kernel estimation using least squares," *Proceedings of the 7th international conference on parallel and distributed computing, applications and technologies (PDCAT 2006)*, pp. 50-55, Dec. 4, 2006. (EI)
5. Ken-Chung Ho* and Jr-Shian Juang, "Iterated BLS for estimating error-diffusion kernels," *Proceedings of the 2006 International Conference of Digital Technology and Innovation Management*, pp. 346-354, April 1, 2006.
6. Ken-Chung Ho* and Jing-Cheng Liao, "Modifying the quantizer threshold in error-diffusion to improve halftone," *Proceedings of the 2006 International Conference of Digital Technology and*

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7. Ken-Chung Ho* and Jr-Shian Juang, "Error-diffusion-kernel estimation using the method of bound constrained least squares," *Proceedings of the Ming Chuan University 2006 International Academic Conference*, March 18, 2006.
 8. Ken-Chung Ho* and Jing-Cheng Liao, "Error diffusion based on human-vision models," *Proceedings of the Ming Chuan University 2006 International Academic Conference*, March 18, 2006.
 9. Ken-Chung Ho* and Jing-Cheng Liao, "Error-diffusion kernel design via human-vision models," *Proceedings of the NWICT'05*, pp. 23-26, Taipei, Nov. 16, 2005.
 10. Ken-Chung Ho* and Jr-Shian Juang, "Error-diffusion kernel estimation from halftones," *Proceedings of the NWICT'05*, pp. 27-30, Taipei, Nov. 16, 2005.
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 16. Ken-Chung Ho, "Markov random field model-based vector quantization of images," *全國電信研討會暨國科會電信學門研究成果發表會成果彙編*, 埔里, Taiwan, 2002.
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