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Speaker's Biography

Paper code	20100109		
Title of Paper	Minimizing Hamming Weight Based on 1's Complement of Binary Numbers Over GF(2 ^m)		
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Speaker's Biography (Please detail below special points of background experience)			
<p>A/Prof (Dr) Xu Huang: The Head of Engineering at the University of Canberra. He Received the B.E. and M.E. degrees and Ph.D. in Electrical Engineering and Optical Engineering prior to 1989 and Ph.D. in Experimental Physics in the University of New South Wales, Australia in 1992. He has earned the Graduate Certificate in Higher Education in 2004 at the University of Canberra, Australia. He has been working on the areas of the telecommunications, networking engineering, wireless communications, optical communications, and digital signal processing more than 25 years. Currently he is the Head of the Engineering at the School of Information Sciences and Engineering, University of Canberra, Australia. He has been a senior member of IEEE in Electronics and in Computer Society since 1989 and a Fellow of Institution of Engineering Australian (FIEAust), Chartered Professional Engineering (CPEng), a Member of Australian Institute of Physics. He is a member of the Executive Committee of the Australian and New Zealand Association for Engineering Education, a member of Committee of the Institution of Engineering Australia at Canberra Branch. Dr Huang has published more than 90 papers in IEEE and other Journals and international conference.</p>			

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