

An Easy Method of Making Random-Dot Stereogram Using Microsoft Word

by

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Abstract

The random-dot stereogram (RDS) developed by Julesz for studies of human vision may be considered as a secret shearing scheme of cryptography. An easy method of making a pair of random-dot stereograms is demonstrated for a small scale information security system. One who is familiar with drawing pictures using a personal computer (PC) can make an RDS using the well-known software Word or Power Point developed by Microsoft and others who are not used to PC can make an RDS using papers on which the same random dots are printed, a scissor and a copy machine

Keywords: random-dot stereogram, binocular vision, secret shearing scheme, security

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