## **Neural Approach for TV Image Compression Using a Hopfield Type Network**

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Abstract: A self-organizing Hopfield network has been developed in the context of Vector Ouantiza(cid:173) -tion, aiming at compression of television images. The metastable states of the spin glass-like network are used as an extra the Minimal Overlap storage resource using and Mezard 1987) to rule (Krauth learning the organization of the attractors. optimize The sel f-organizing that we have scheme devised the generation of an in adaptive codebook for any given TV image.