

Two-Dimensional CNN with
L-shaped Template

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ABSTRACT

In this paper, we consider the simplest two-dimensional CNN template, L-shaped template. This work had investigated on [Lin&Yang, 2001] before. They use the building block to discuss the spatial entropy. In this paper, we reappraise the spatial entropy by pattern generation method which could refer to [Ban&Lin, 2005]. When we could not evaluate the spatial entropy, we use connecting operator referred to [Ban, Lin&Lin, 2006] to evaluate the lower bounded of spatial entropy. Finally, we compare the result with [Lin&Yang].