Contour

The number of values necessary to describe any ternary contour is the binomial coefficient:

$$L_m = \frac{\left(L^2 - L\right)}{2}$$

— where L is the length of the morphology.

The number of possible three-valued contours can be expressed by the formula:

$$\sum_{h=1}^{L} h!\,S(L,h)$$

— where $S(L,\ h)$ is a Stirling number of the second kind.