$$\mathbf{Z} = \boxed{\begin{array}{c|c|c|c} \mathbf{z_1} & \mathbf{z_2} & \mathbf{z_3} & \mathbf{z_{[4,n]}} \end{array}}$$

corresponds to $\quad \phi \quad\quad \alpha \quad\quad \phi_{\mathbf{L}} \quad$ intrinsic properties (shape, texture, etc)