The set of all linear d-polyhedra embedded in $\Re^n$ will be denoted as $\mathscr{P}^{d,n}$. A polyhedron $P \in \mathscr{P}^{d,n}$ coincides with the geometric carrier of a simplicial d-complex, and we write $P = [\Sigma^d]$. As an extreme example, $o \in \mathscr{P}^{0,0}$ is the 0-polyhedron consisting of a single point—the set $\mathscr{P}^{0,0}$ is a singleton and contains only o. A polyhedron is regular if any associated complex is regular.