

Let e_1, e_2, e_3 be the standard basis vectors in \mathbb{R}^3 , let $e_0 = e_1 + e_2 + e_3$, and let Σ be the fan with maximal cones generated by $\{e_0, e_1, e_2\}$, $\{e_0, e_2, e_3\}$, and $\{e_0, e_1, e_3\}$. Show that X_Σ is the blowup of \mathbb{C}^3 at the origin.