

The trees in this table also represent value semigroups obtained from the coordinate ring of a GIT quotient, the space $SL_r \backslash [SL_r/B]^n$. Here $B \subset SL_r$ is a Borel subgroup, and the quotient is taken with respect to a specific SL_r -linearized line bundle. To build this bundle, start with the line bundle \mathcal{L} on SL_r/B corresponding to the sum of the fundamental dominant weights of \mathfrak{sl}_r , and take its n -fold external power.