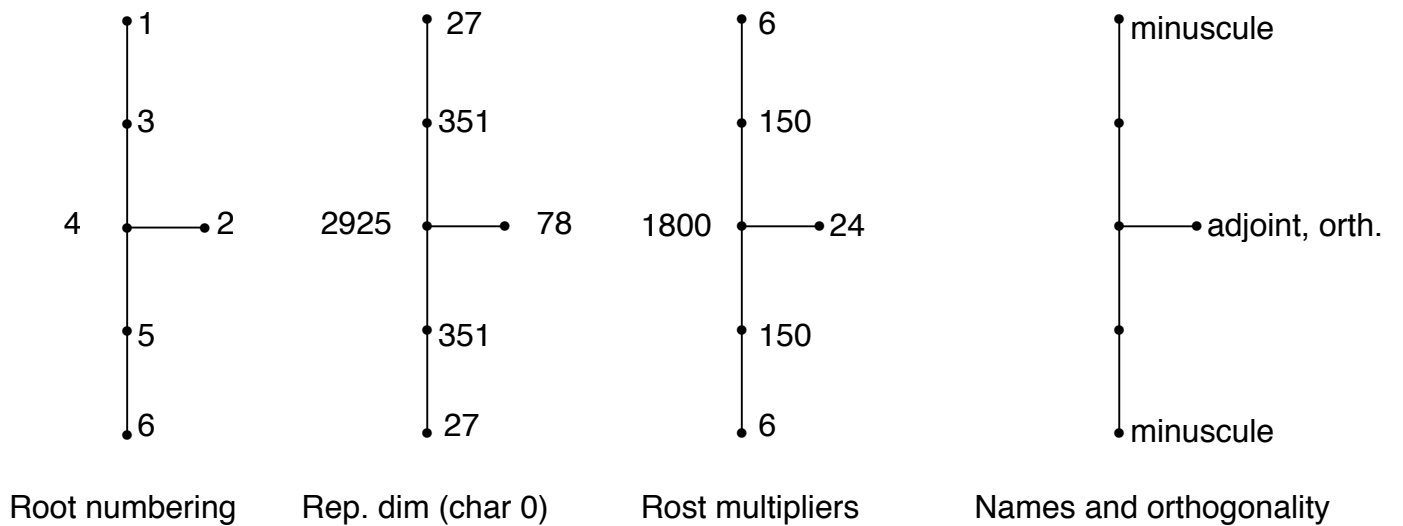
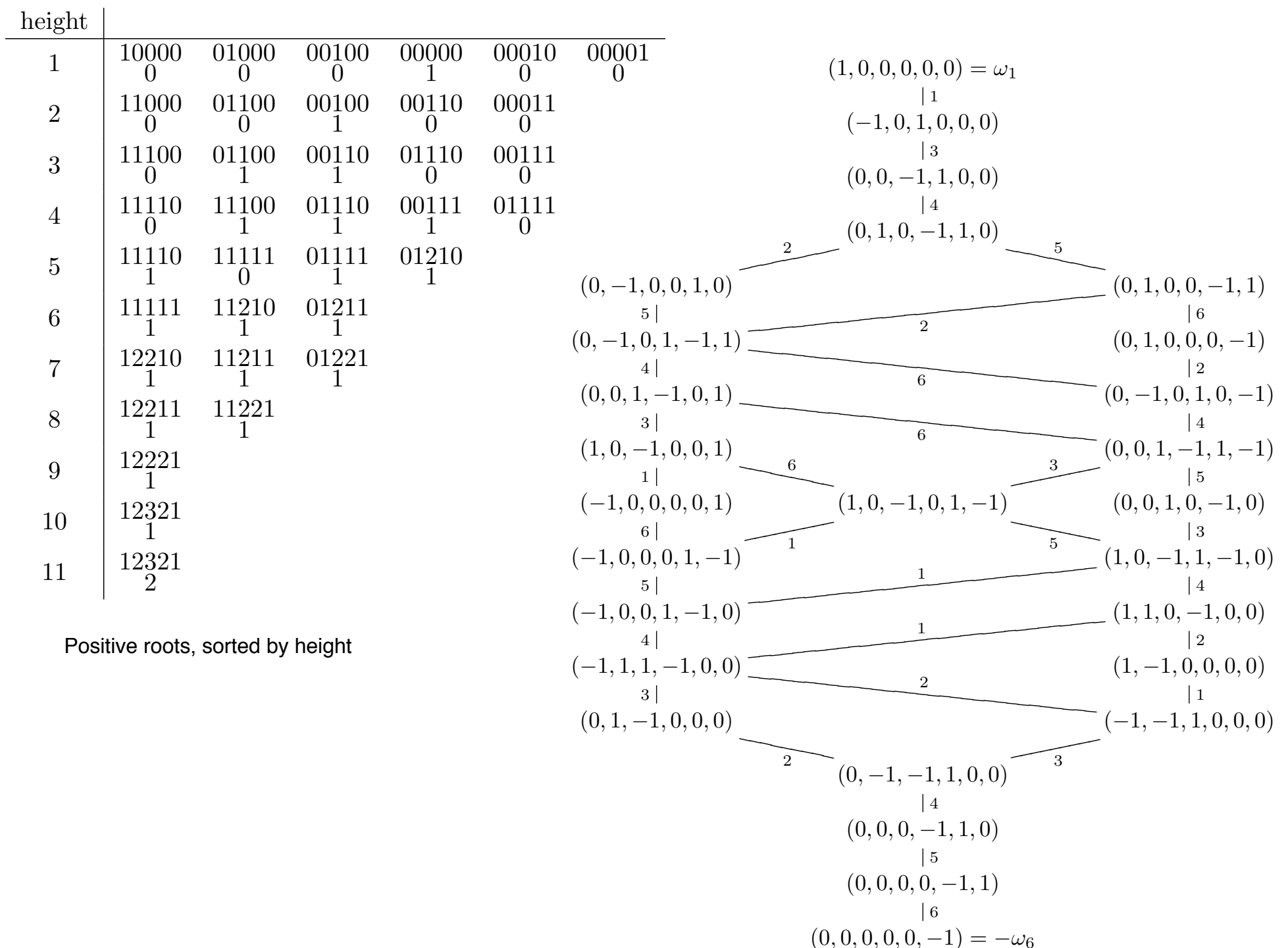


E_6



Index	Tits's label	Index of Tits algebras	Non-real global field	Real number field	Local field	Real numbers	Signature of Killing
split	${}^1E_{6,6}^0$	1	Y	Y	Y	Y	6
	${}^1E_{6,2}^{28}$	1	N	Y	N	Y	-26
	${}^1E_{6,2}^{16}$	3	Y	Y	Y	N	
inner anisotropic	${}^1E_{6,0}^{78}$	27	N	Y	N	N	
quasi-split	${}^2E_{6,4}^2$	1	Y	Y	Y	Y	2
	${}^2E_{6,2}^{16''}$	3	Y	Y	N	N	
	${}^2E_{6,2}^{16'}$	1	N	Y	N	Y	-14
	${}^2E_{6,1}^{29}$	1	N	Y	N	N	
	${}^2E_{6,1}^{35}$	3	N	Y	N	N	
outer anisotropic	${}^2E_{6,0}^{78}$	27	N	Y	N	Y	-78



Positive roots, sorted by height

Hasse diagram of the weights of the minuscule representation with highest weight ω_1 , where (c_1, c_2, \dots, c_6) denotes the weight $\sum_{i=1}^6 c_i \omega_i$. The longest element of the Weyl group reflects the diagram across its horizontal axis of symmetry.