Figure 1: Left-hand side: singularity structure of CP_N^2 in terms of the S^5-moment polytope. The labels in black on vertices and edges denote the degree of the singularity while the grey labels denote the facets. Right-hand side: branching structure of S_α^5 in terms of the S^5-moment polytope. The labels in black on vertices and edges denote the branch index while the grey labels denote the facets.