

The diagram illustrates the 120 Dynkin diagrams for the E_6 series, arranged in a hierarchical tree structure. The root node is $E_6(-41,2,-45)$. The tree branches out into five main paths, each representing a different set of parameters. The nodes are labeled with their Dynkin diagram notation, and some nodes have associated numerical values in blue. The structure is highly symmetric and represents the full set of 120 diagrams in the E_6 series.