

The diagram illustrates a hierarchy of Dynkin diagrams starting from the root E_6 . The first level shows three main branches: $E_{6-4-3-2}$, $F_{4-4-3-2}$, and G_{2+24} . Subsequent levels further decompose these into more specific configurations, such as $E_{6-4-3-2} \rightarrow E_{6-4-3-2}^{(1)}, E_{6-4-3-2}^{(2)}$, and so on. Each diagram is represented by a set of nodes (dots) connected by lines, forming various geometric shapes like triangles, stars, or simple paths. Blue highlights indicate specific nodes or edges within the diagrams.