Definition 15.1.2 Hamilton Paths and Cycles. Given any connected graph G, a path that visits each vertex exactly once is referred to as finding a *Hamilton (or Hamiltonian) path.* A path that also ends where it started is called a *Hamilton Circuit* or *Hamilton Cycle.*

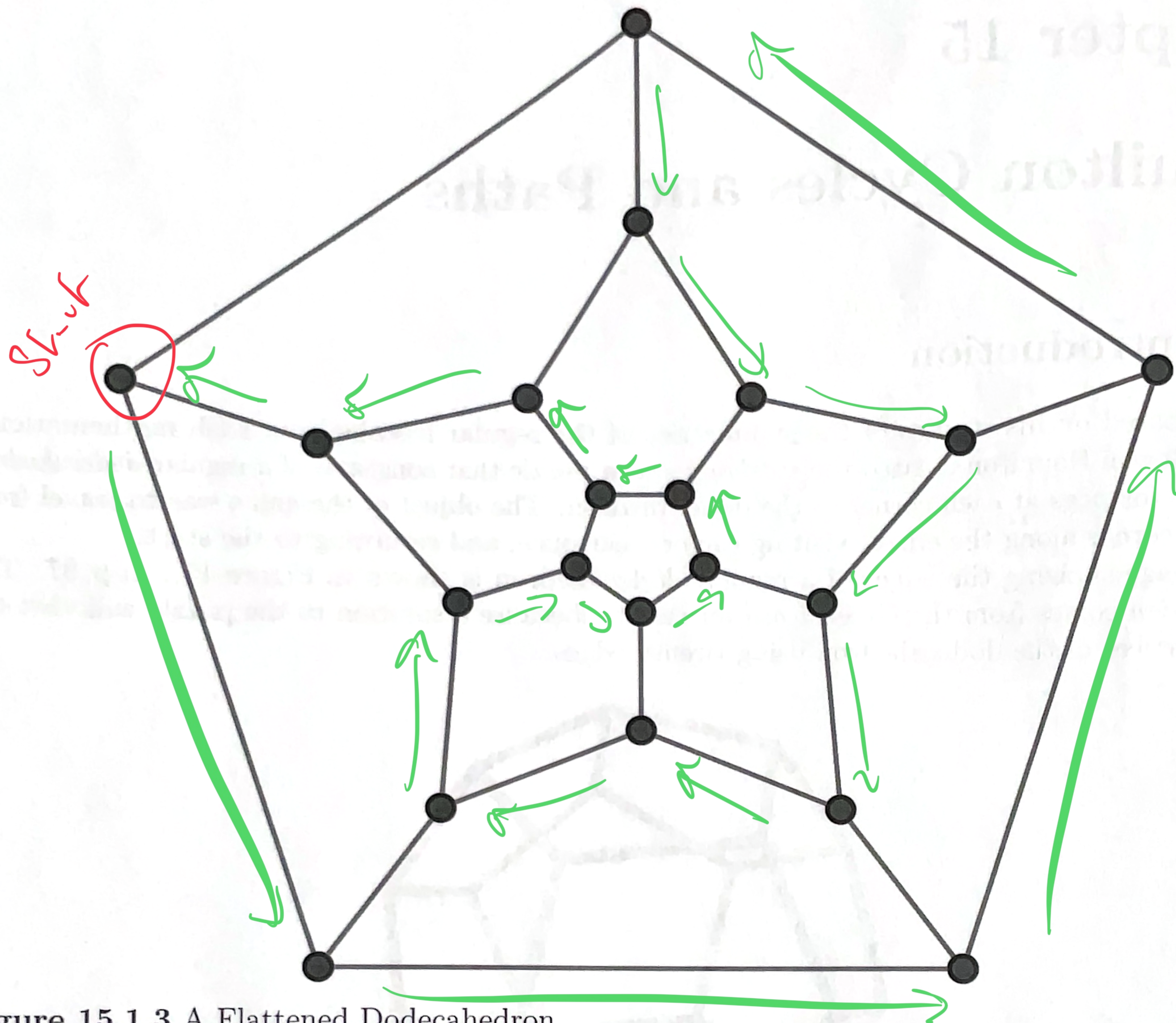   A graph that has a Hamilton cycle is said to be *Hamiltonian.*

Figure 15.1.3 A Flattened Dodecahedron