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Just 101/18

Self-Exercise 9

Self-Exercise 9 a. An Eular path is the graph that containing every edge, the starting and ending points peed not be the same, have two odd vertices and some even vertices. b. An Eular circuit is the graph that containing every edge, the starting and ending points must be the same, and all vertex how even degree C. Harrifton Poth is the graph that contains each xentex exactly once and the starting and the ending not be the same. d. Halmilton circuit is the graph that contains each sertex exactly once and the starting and anding points must be the same. 5-73-712-75-72-712-71-72-73 井か5-711-76-712 5+6+7+8+9+6+8+11+9+10+11 16 -> 1-72 -> 1 -> 8 -> 9 -> 6 -> 7 -> 1 -> 2 -> 3 -> 4 -> 5 -> 6 8+15+14+13 412+10+9+12+11+10+5 +3 13 >15 > 16 3. a. it is not culer created because not all notes is even degree. b. it is not ruler path because old sertex for the grain not two c. it is not an outer circuit or an outer path because not all vertex is even degree or odd vertex is equal to two. d. It is not an eater circuit or an eater path because not all vortex is even degree or odd vertex is equal to two. 4- graph 1 = BBDCAB graph 2 = ABCDEA graph 3 = ADCDEA If it is hamilton path, give an 5. graph 1 it is halmilton path GHDCBFEA ABCFED. graph 2 it is halmilton path ABCDE graph 3 it is halmilton ports

Date:....

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6-	graph I it is not hamilton circuit because when the starting and ending point meed to same the vertex will be contains more tan one time.
Phillips Phillips	graph 2 it is not hamilton irriuit because when writing all vortex the starting and anding points connect be the same.
all has	graph 3 it is hawilton would ABGEDA.
s As isvo e	graph 4 it is not hamilton circuit when contains all vortex the vertex will be visit more than one time.
	geoph 5 it is hamilton circuit. NECDETA.
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