

## 1. Debug

### a. G1

Euler circuit: a-b-e-a

### b. G2

euler circuit not possible

Odd Vertexes:

a

b

c

d

### c. G3

euler circuit not possible

Odd Vertexes:

a

b

### d. Bridge

euler circuit not possible

Odd Vertexes:

a

d

## 1. Test

Euler circuit: a-b-c-f-h-g-d-a

## 2. Debug

### a. G1

might have a Hamilton circuit based on Dirac's Theorem

b. G2

has a Hamilton circuit based on Dirac's Theorem

c. G3

might have a Hamilton circuit based on Dirac's Theorem

2. Test

might have a Hamilton circuit based on Dirac's Theorem

3. Debug

a. G1

might have a Hamilton circuit based on Ore's Theorem

b. G2

has a Hamilton circuit based on Ore's Theorem

c. G3

might have a Hamilton circuit based on Ore's Theorem

3. Test

might have a Hamilton circuit based on Ore's Theorem