

1. Debug

a. G1

Euler circuit: a-b-e-c-d-e-a

b. G2

Euler circuit does not exist. Vertices with odd degrees:

a

b

c

d

c. G3

Euler circuit does not exist. Vertices with odd degrees:

a

b

d. Bridge

Euler circuit does not exist. Vertices with odd degrees:

a

d

1. Test

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