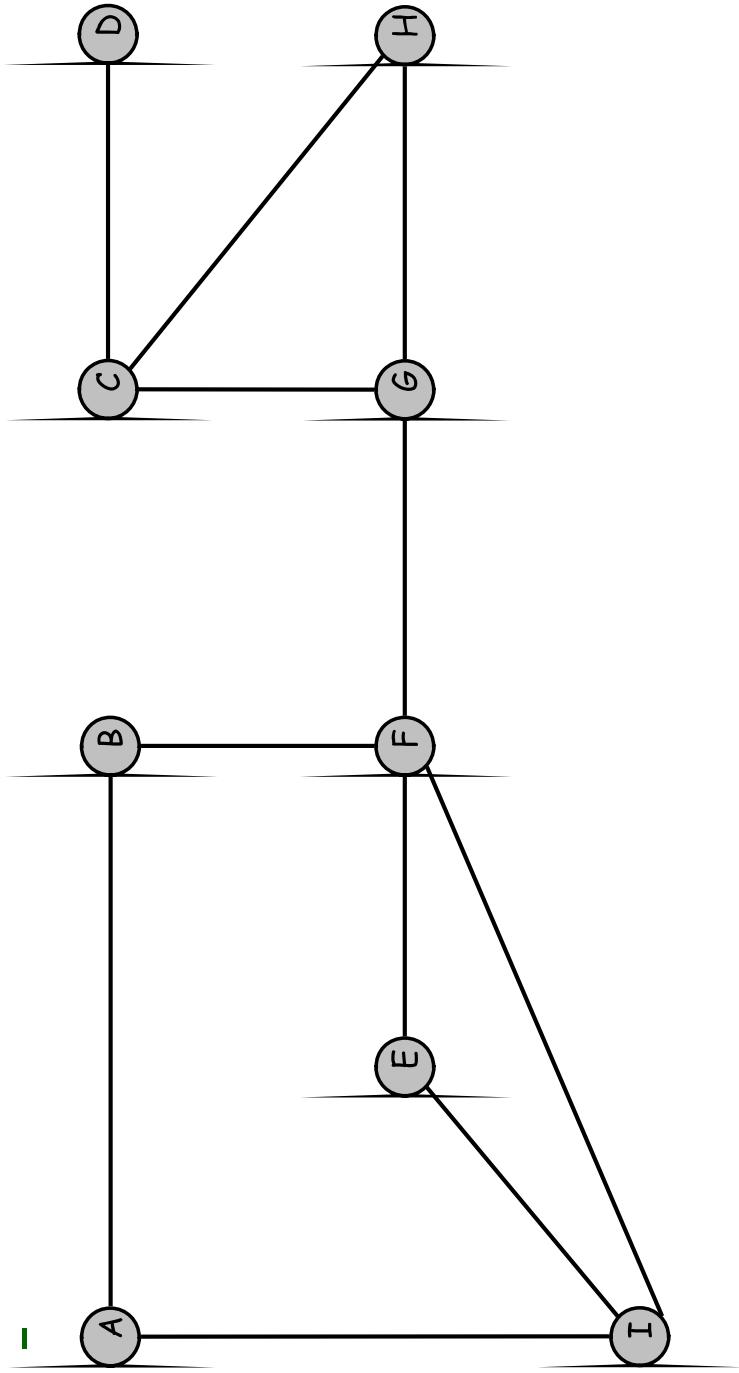
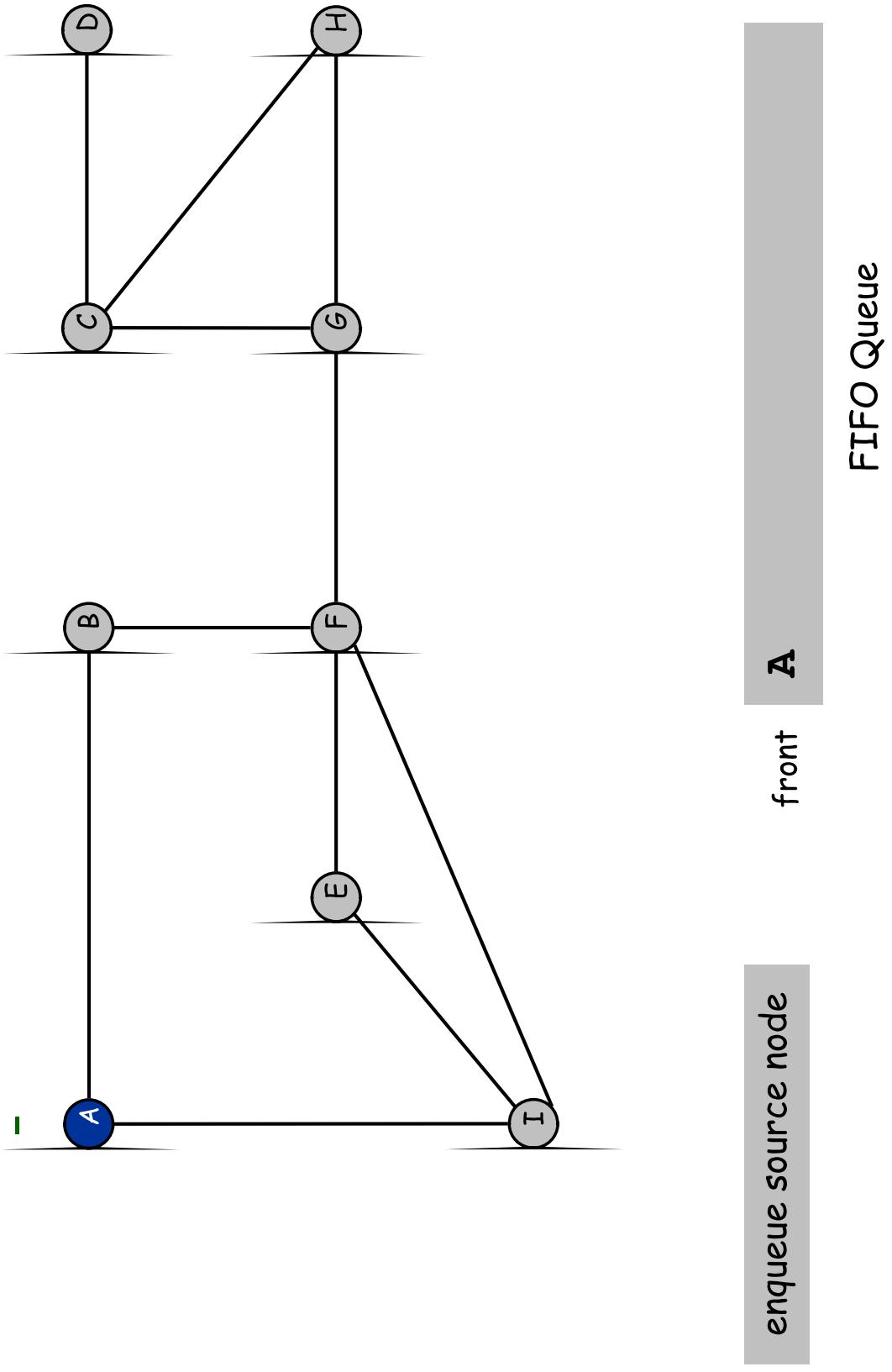


Breadth First Search

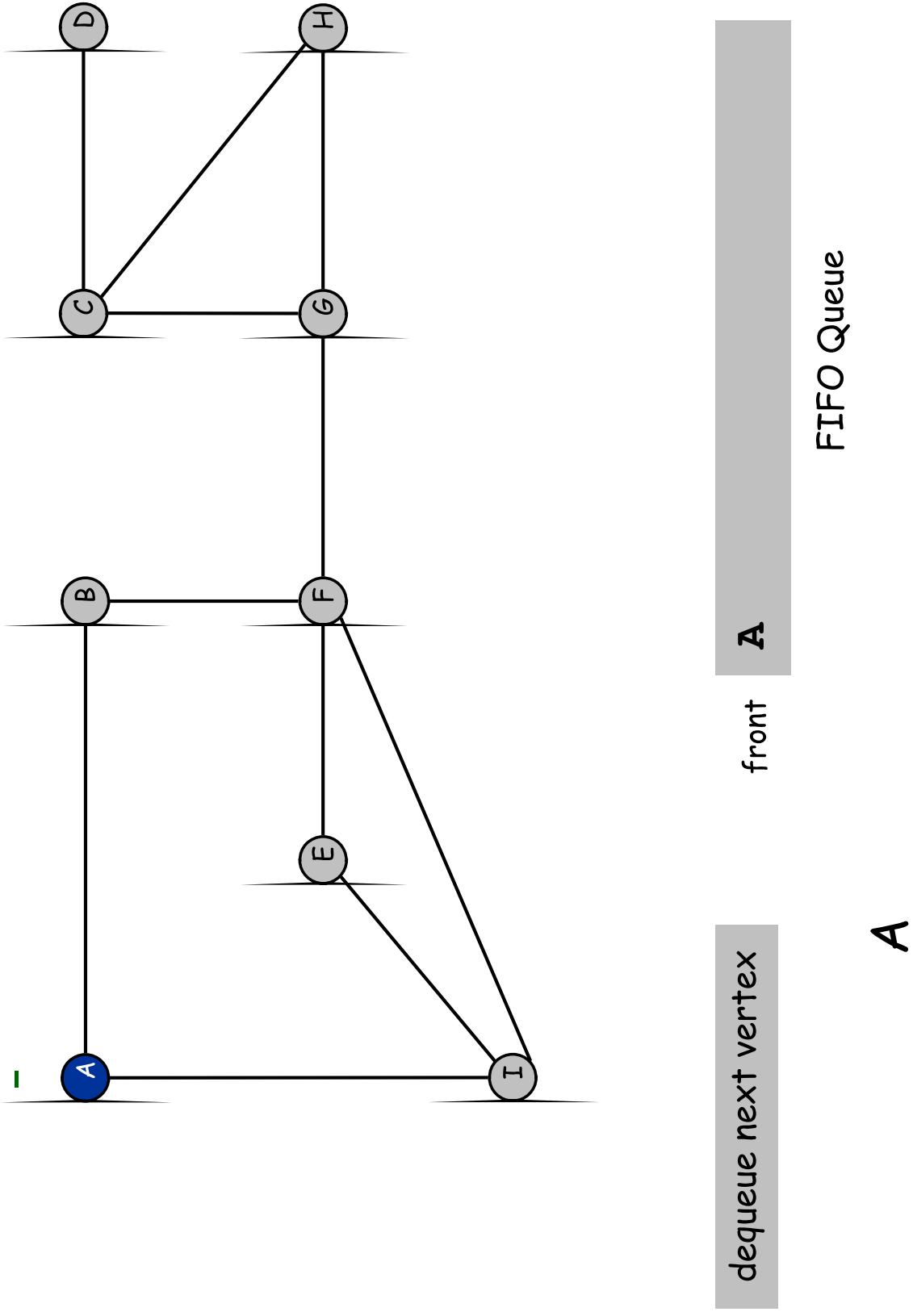


FIFO Queue

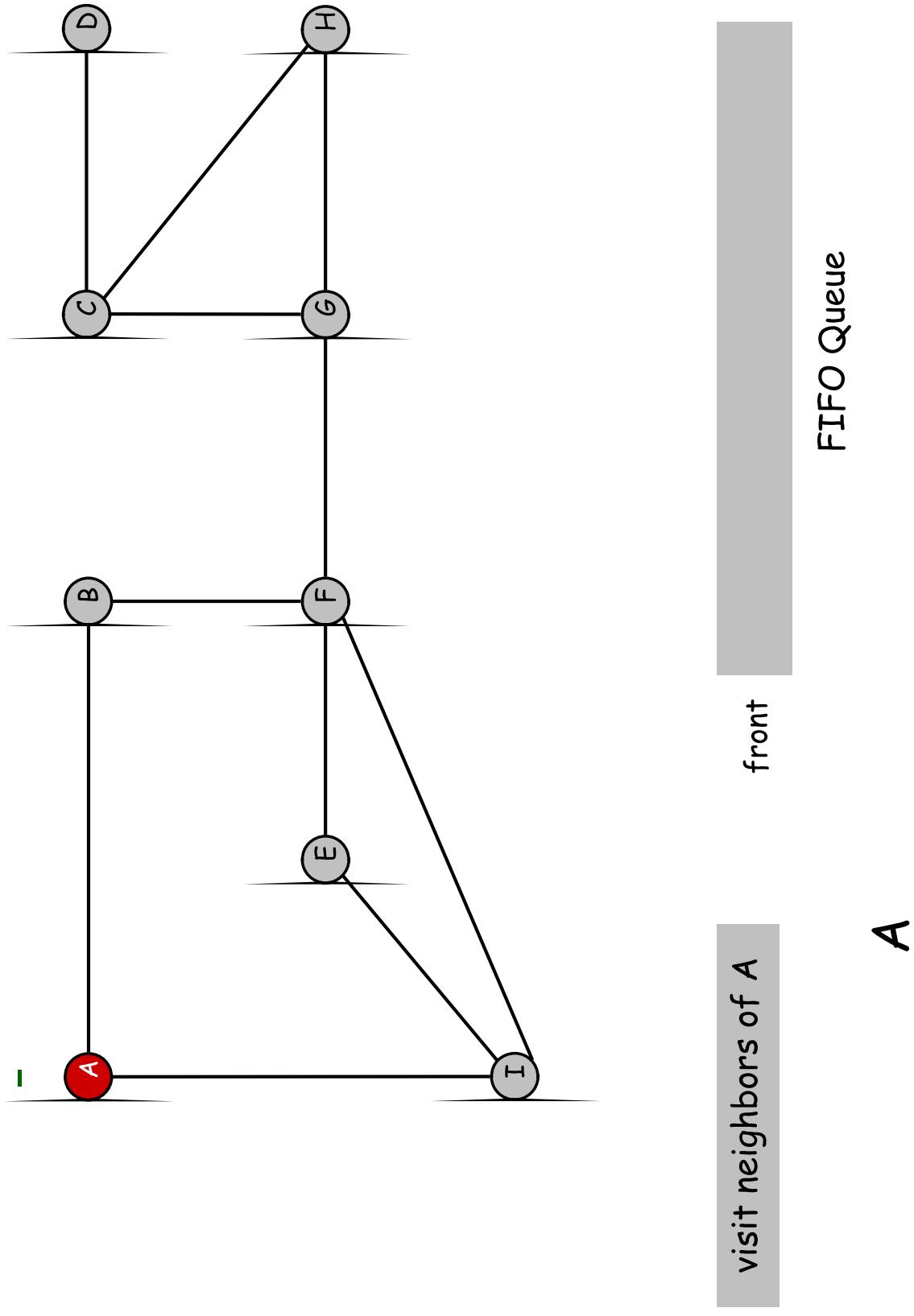
Breadth First Search



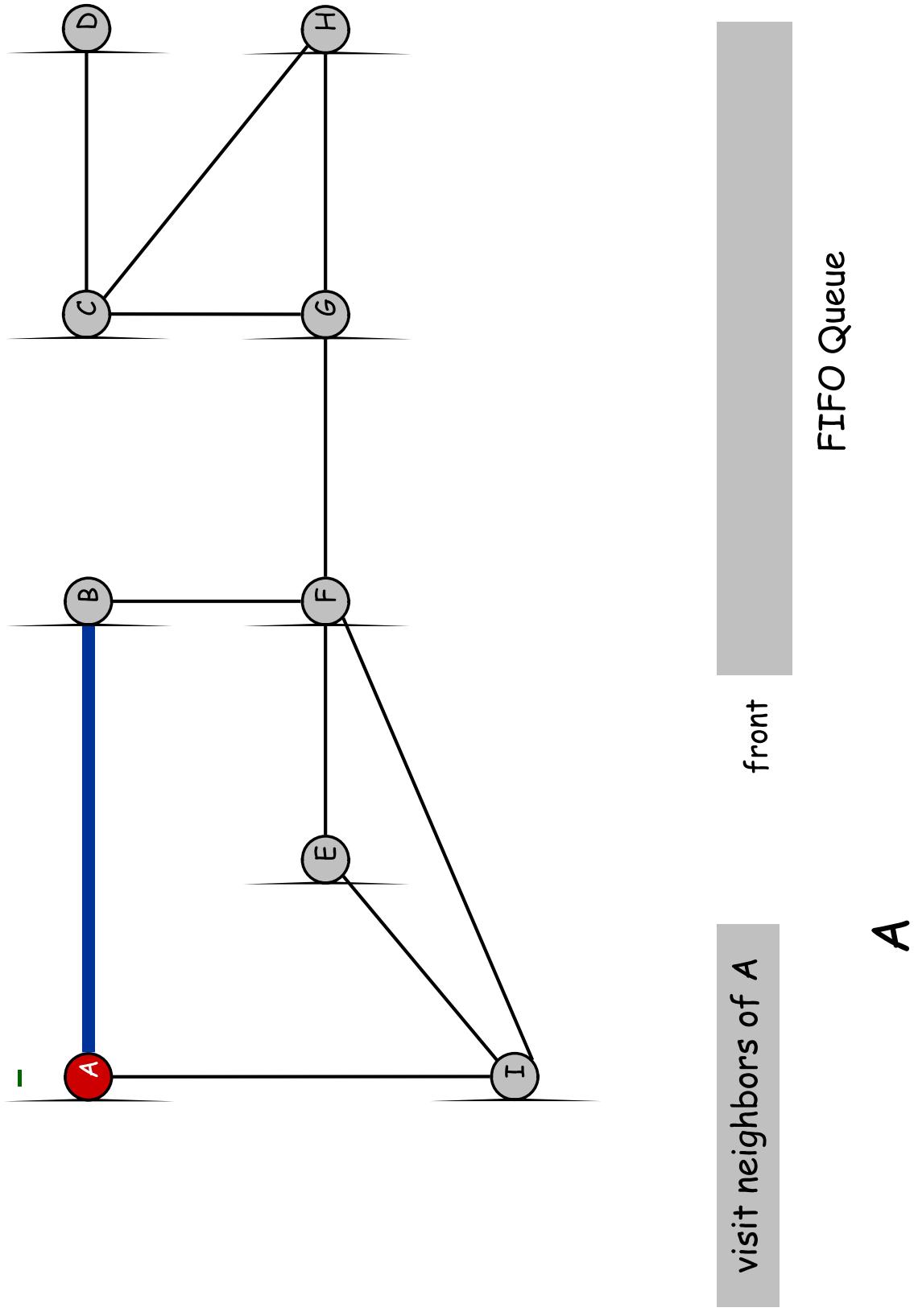
Breadth First Search



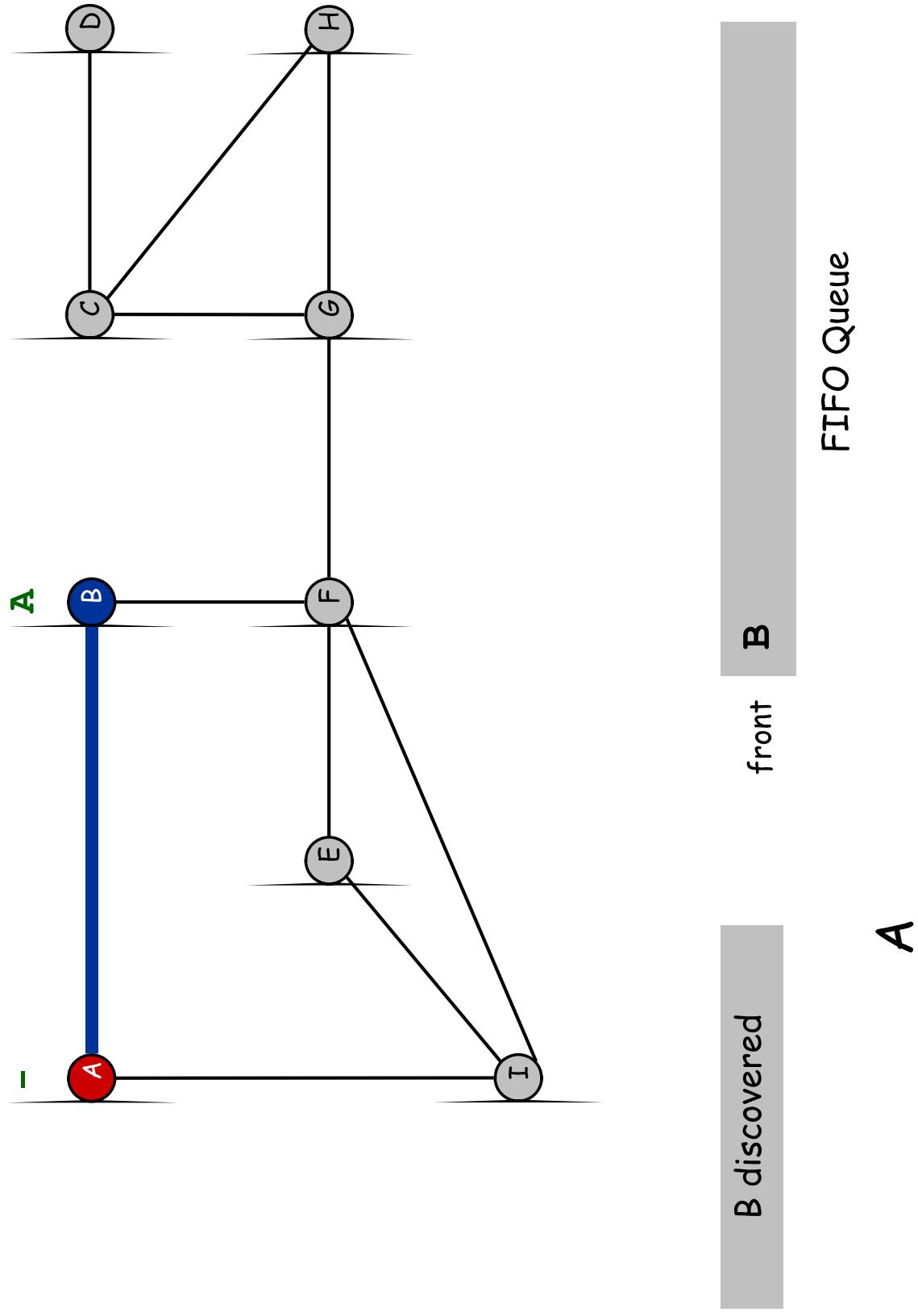
Breadth First Search



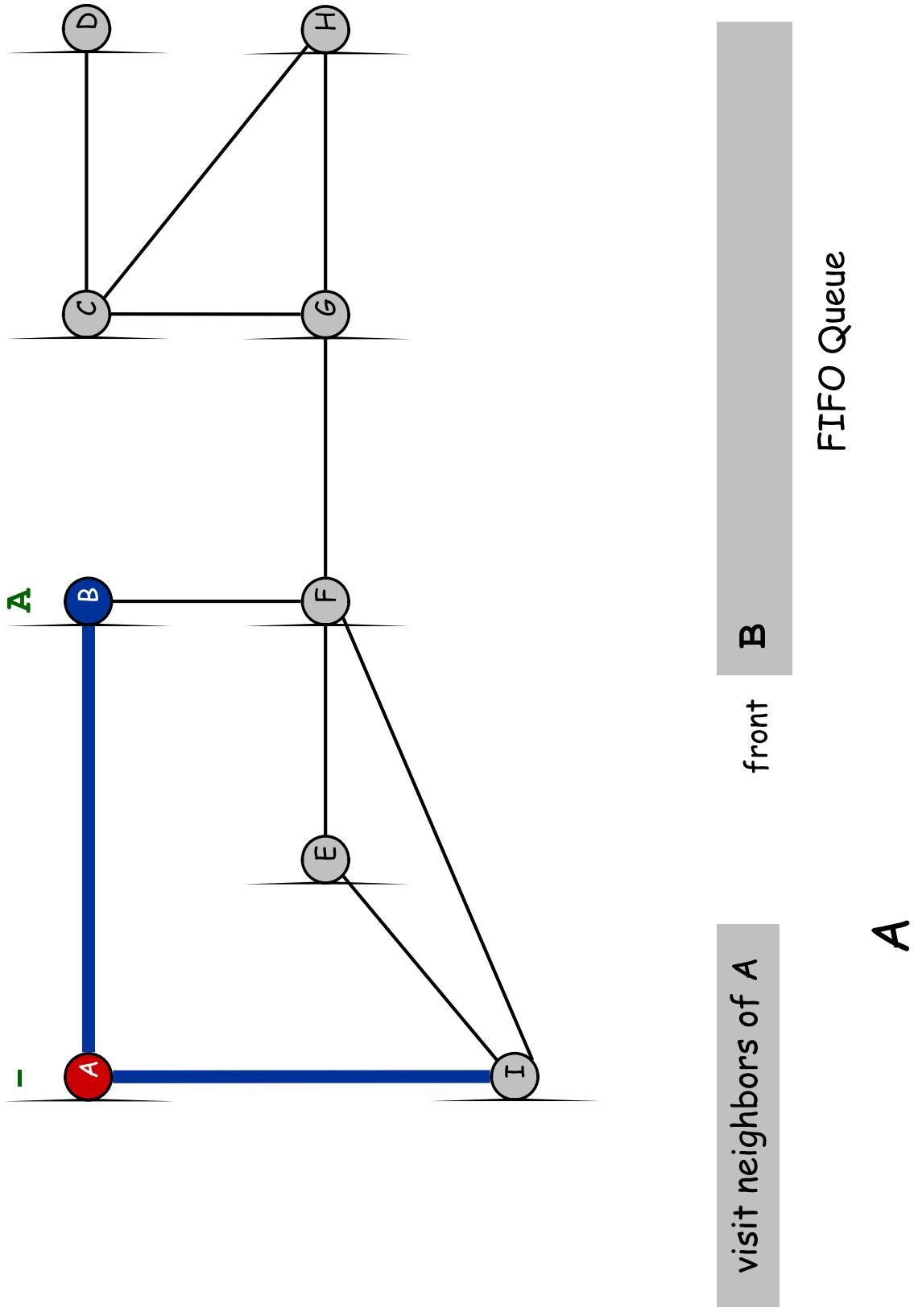
Breadth First Search



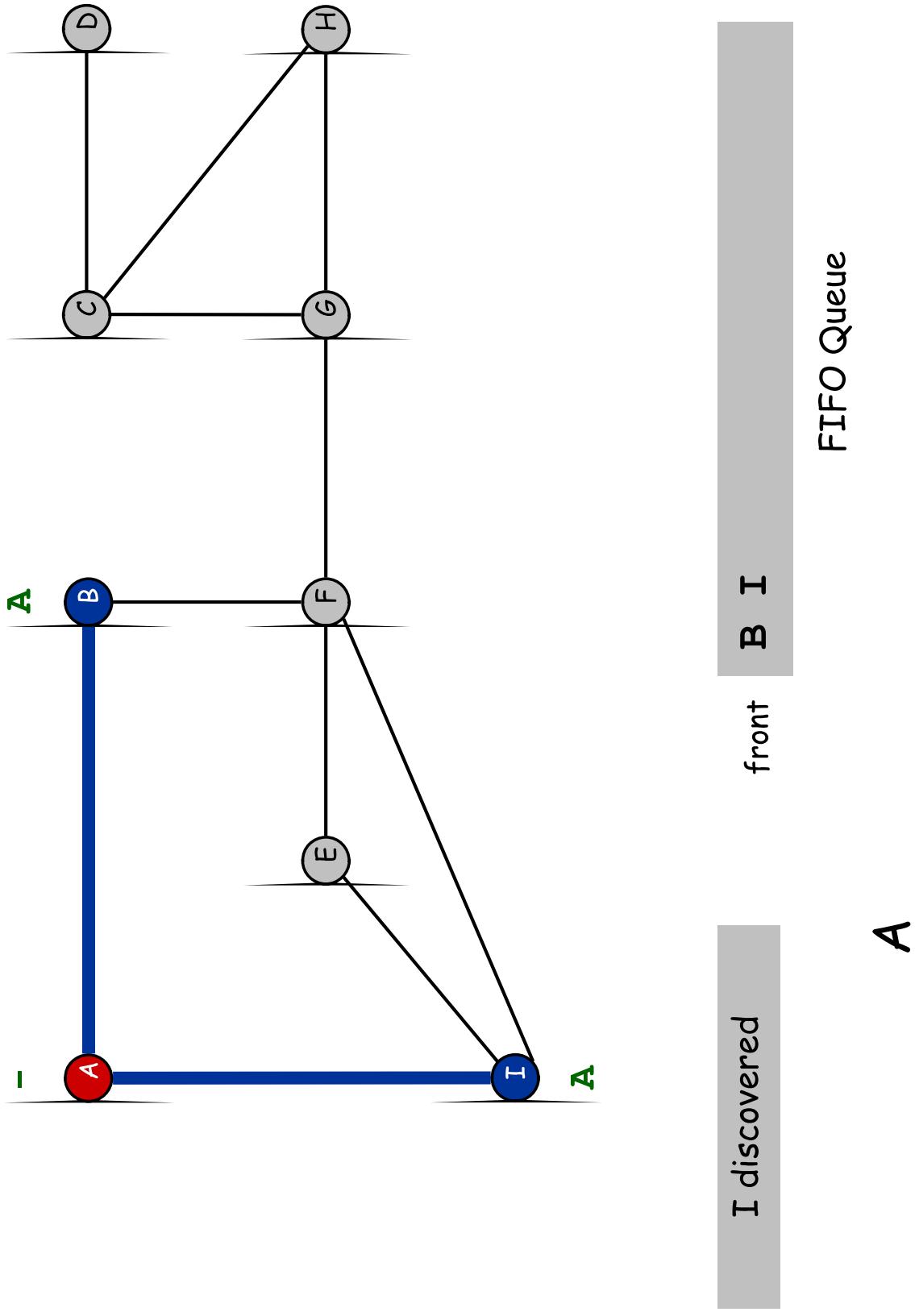
Breadth First Search



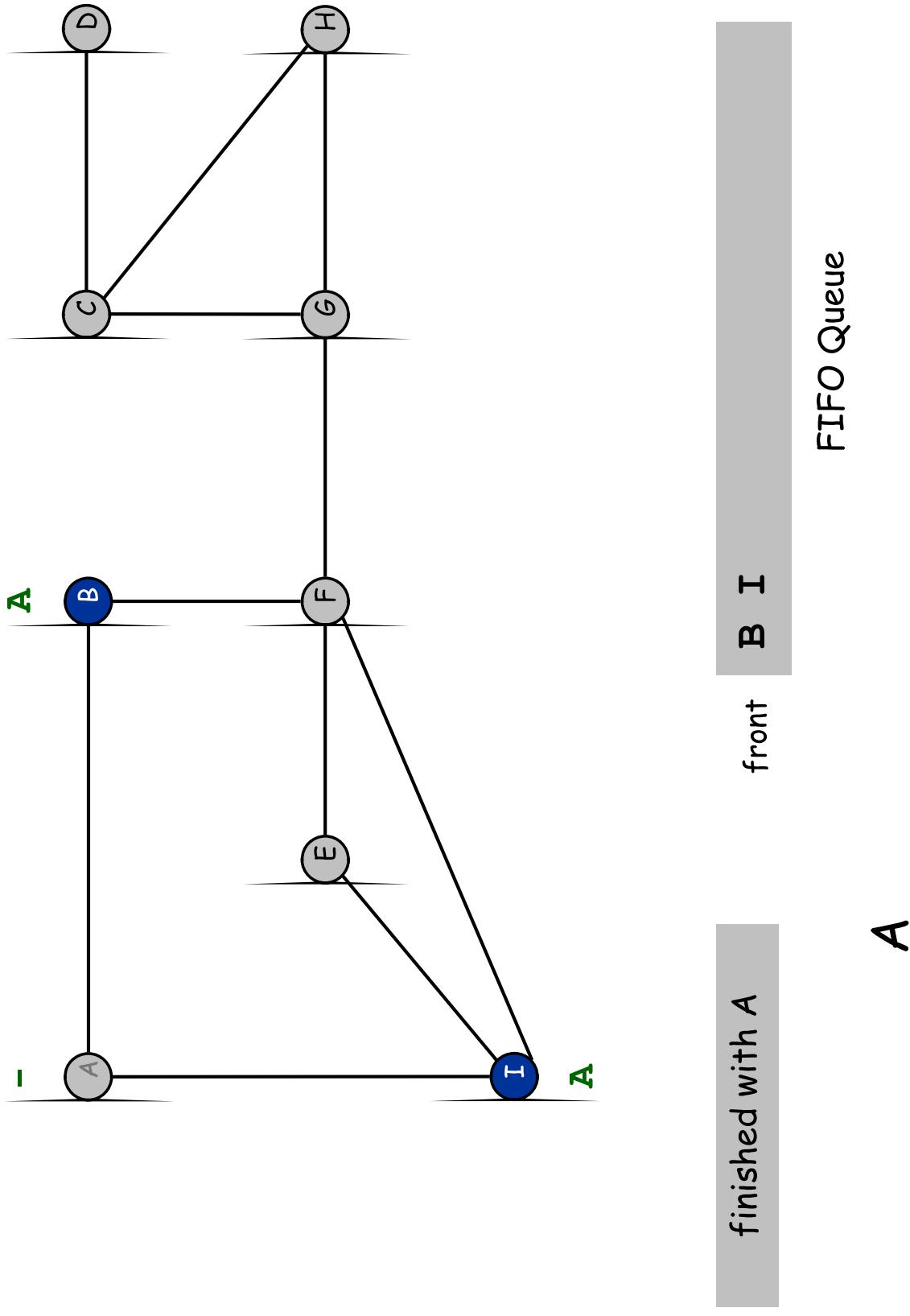
Breadth First Search



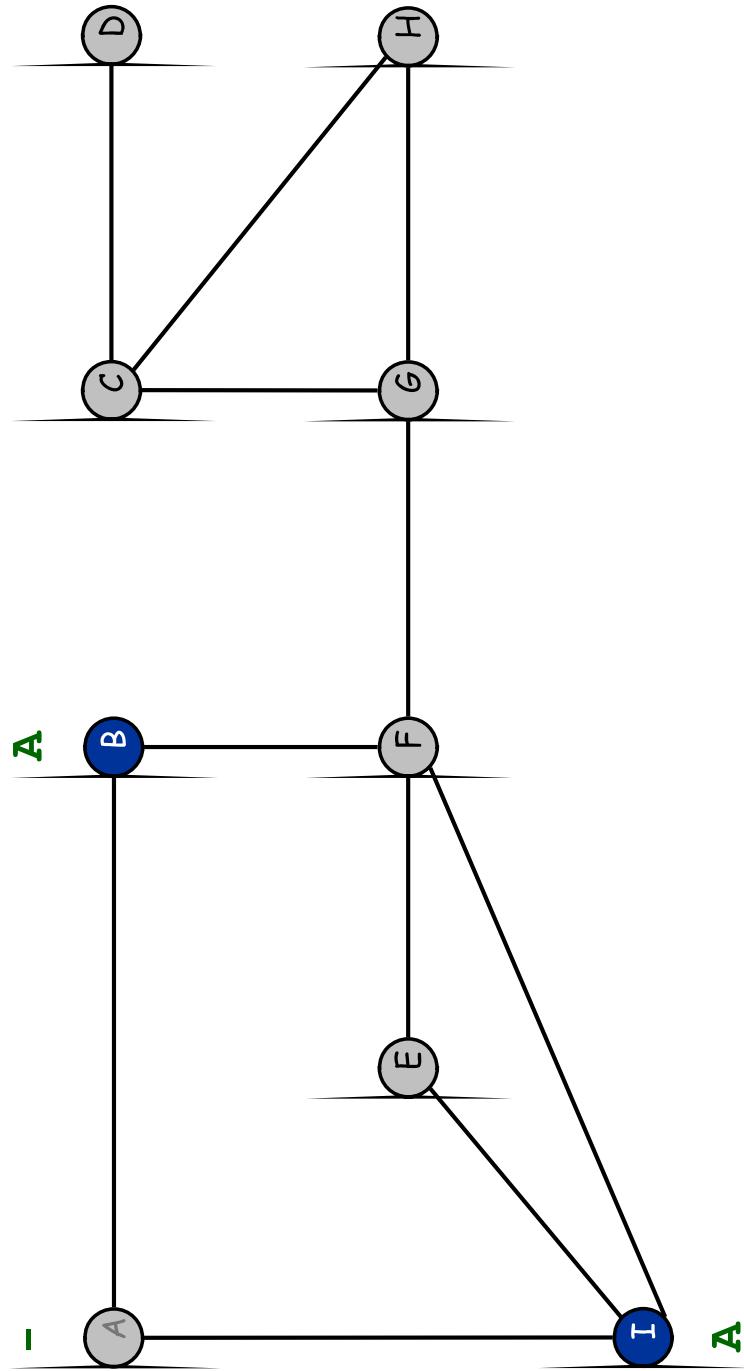
Breadth First Search



Breadth First Search



Breadth First Search



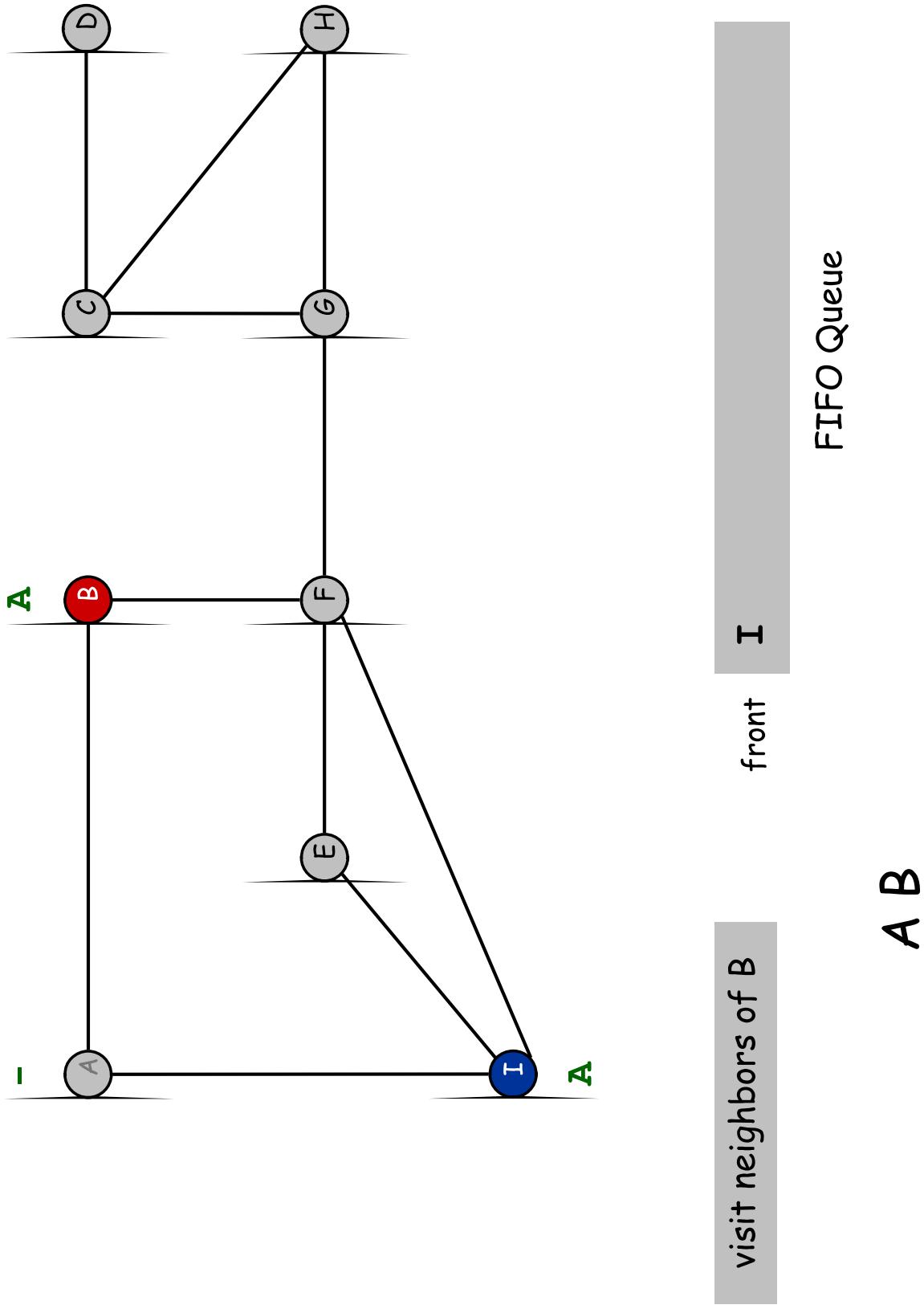
enqueue next vertex

front

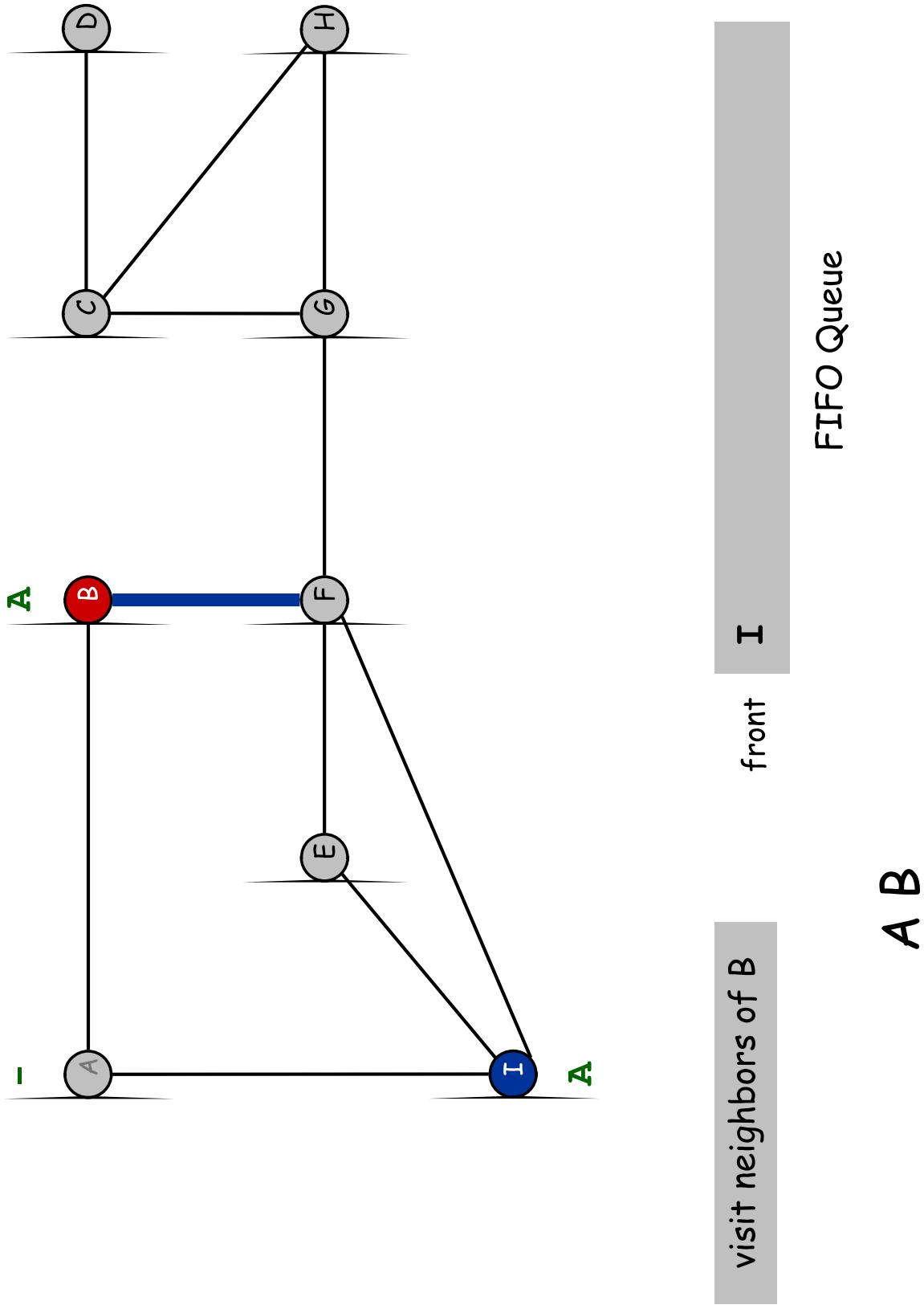
FIFO Queue

A B

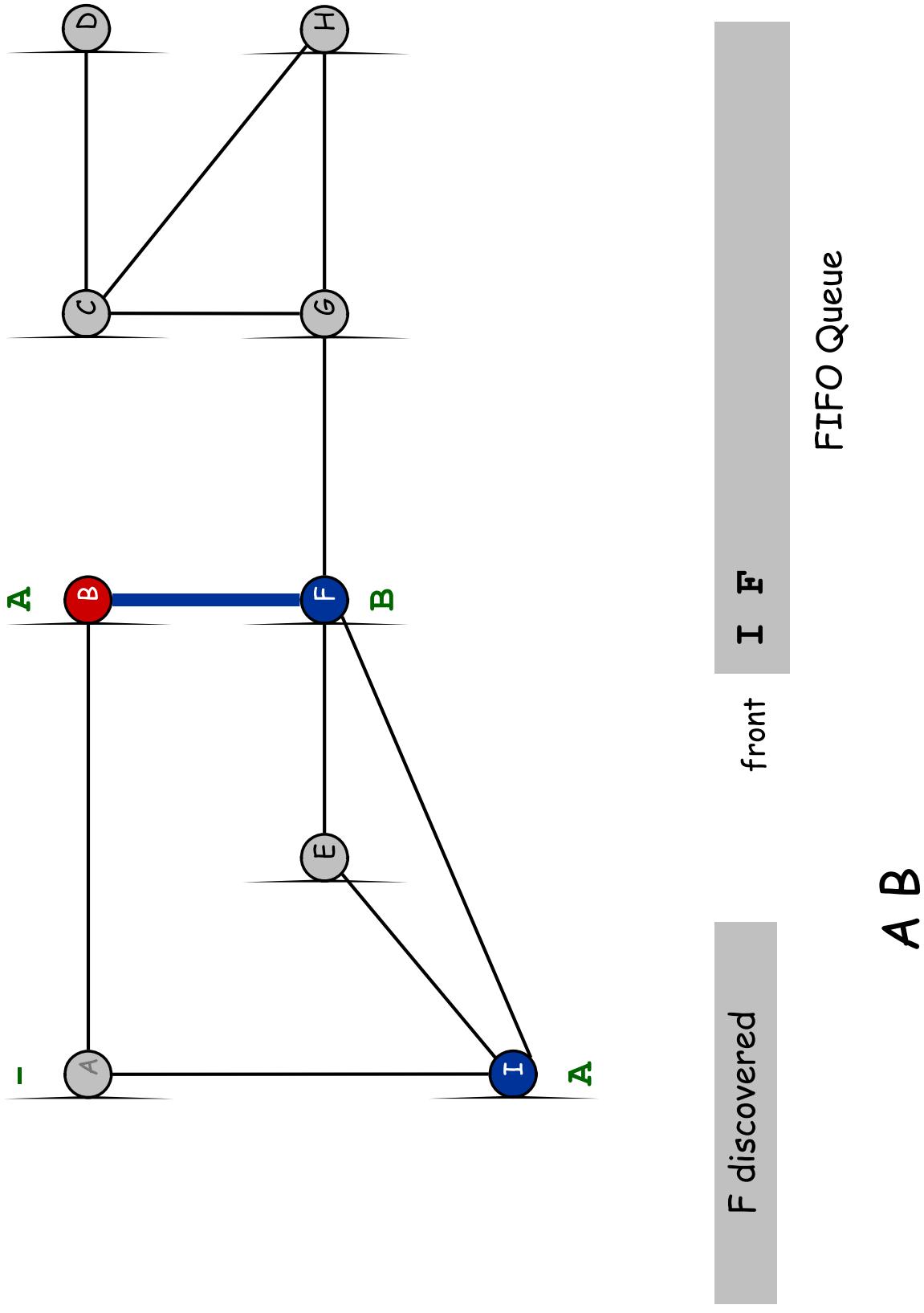
Breadth First Search



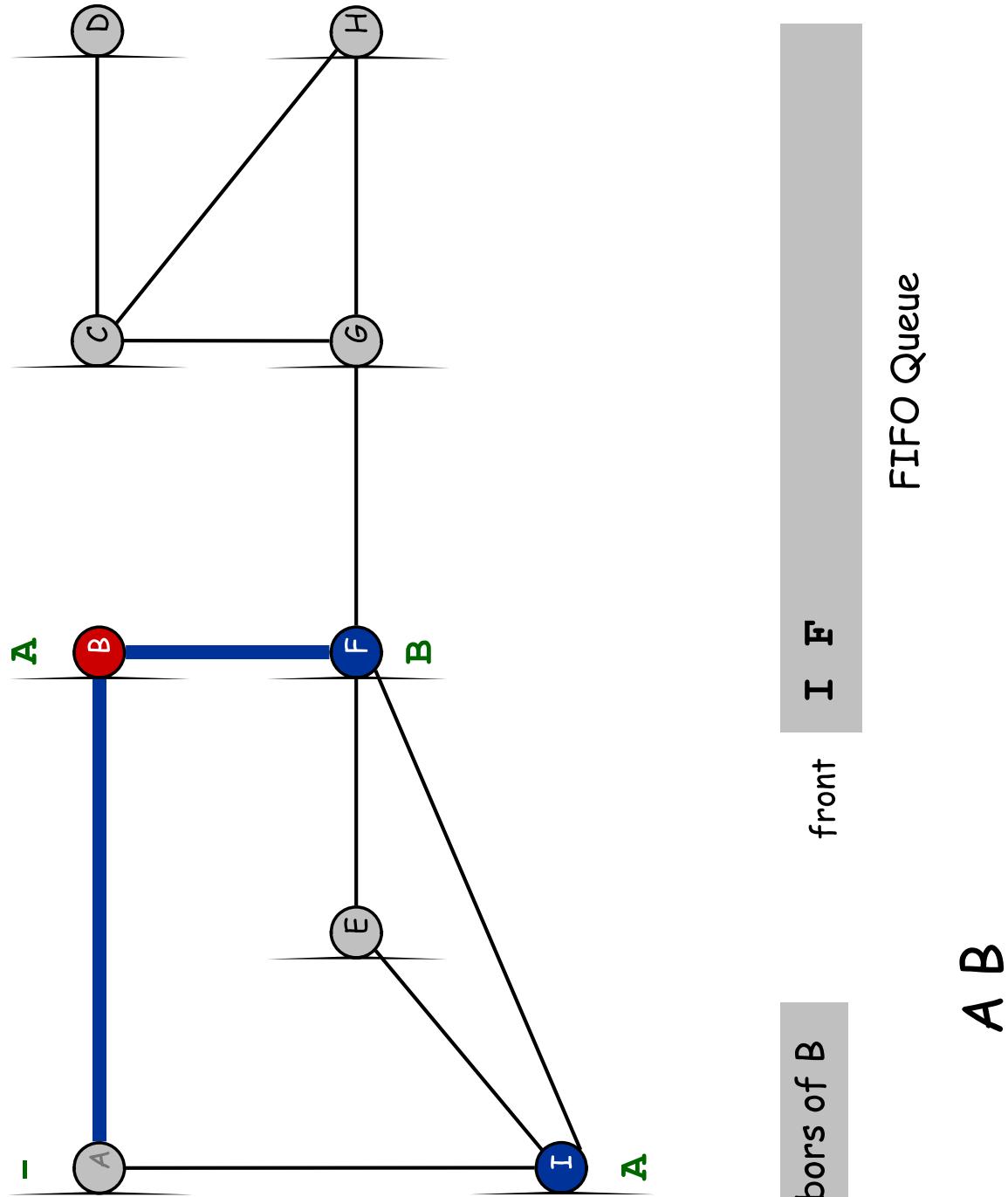
Breadth First Search



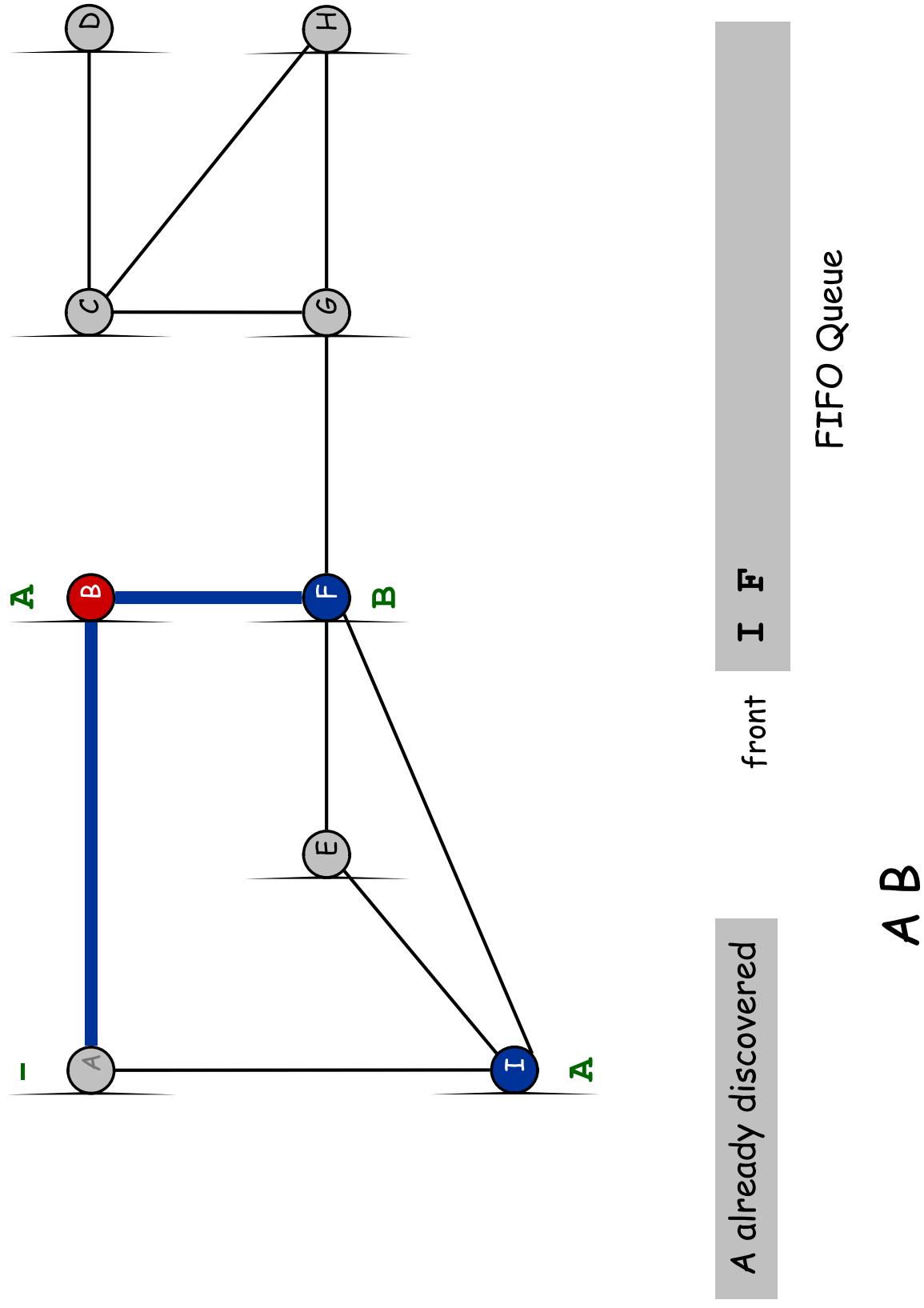
Breadth First Search



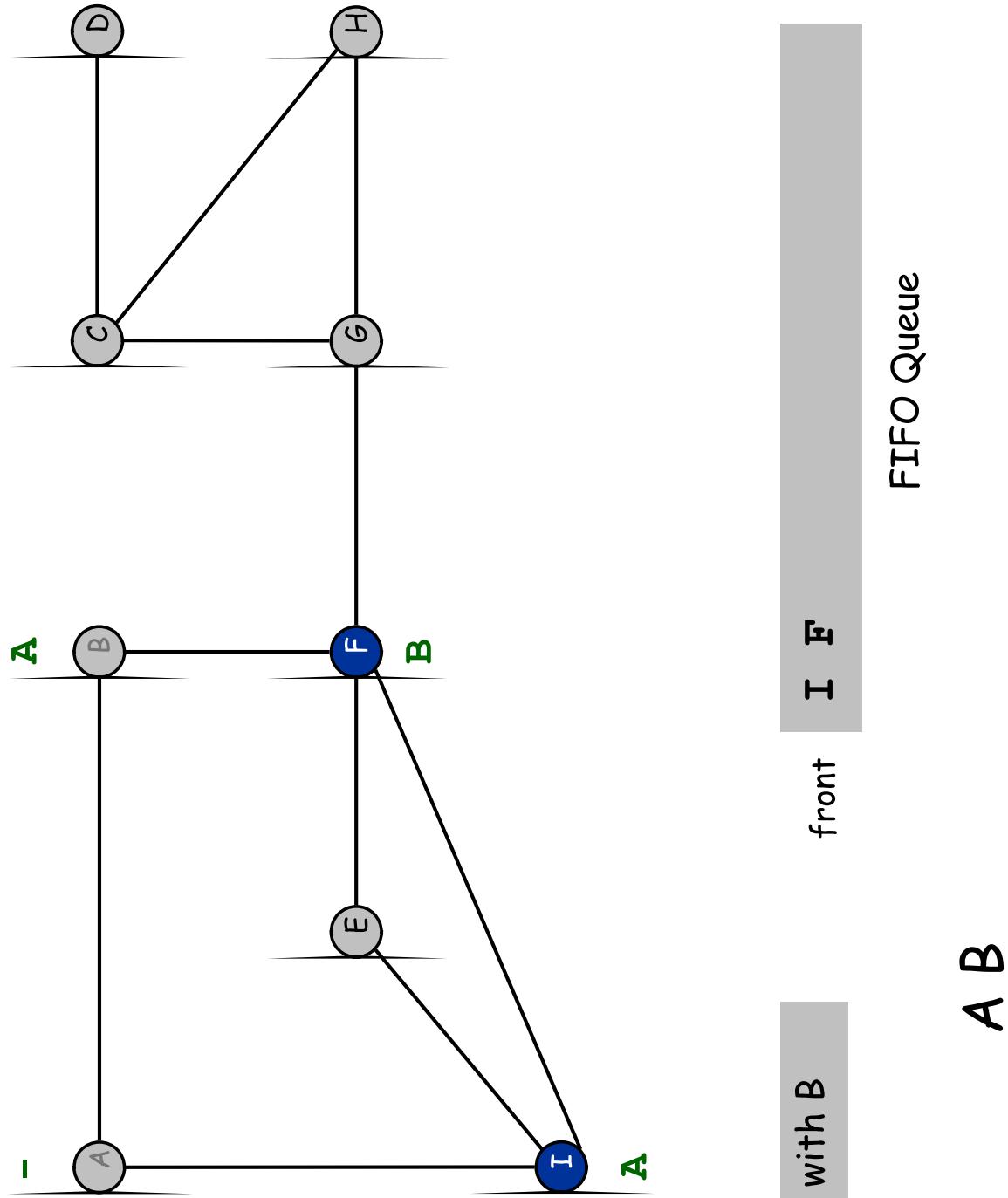
Breadth First Search



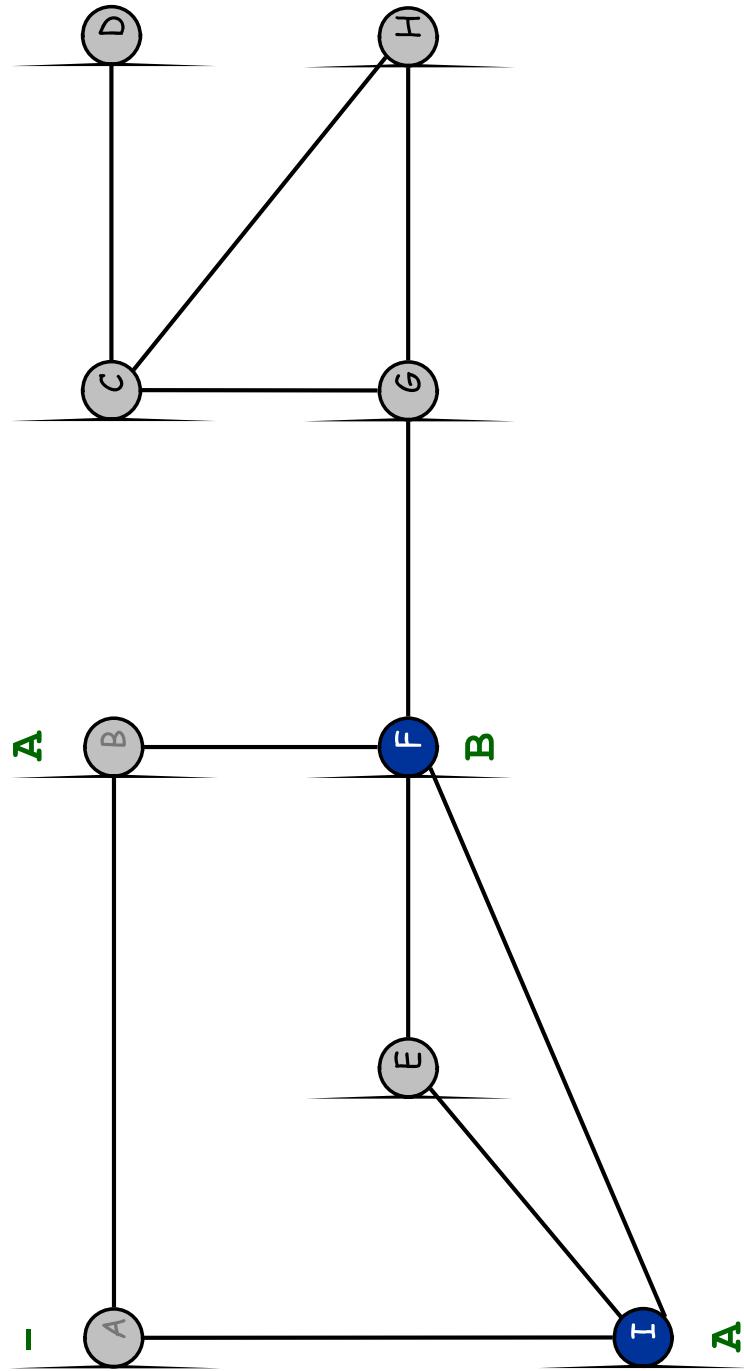
Breadth First Search



Breadth First Search



Breadth First Search



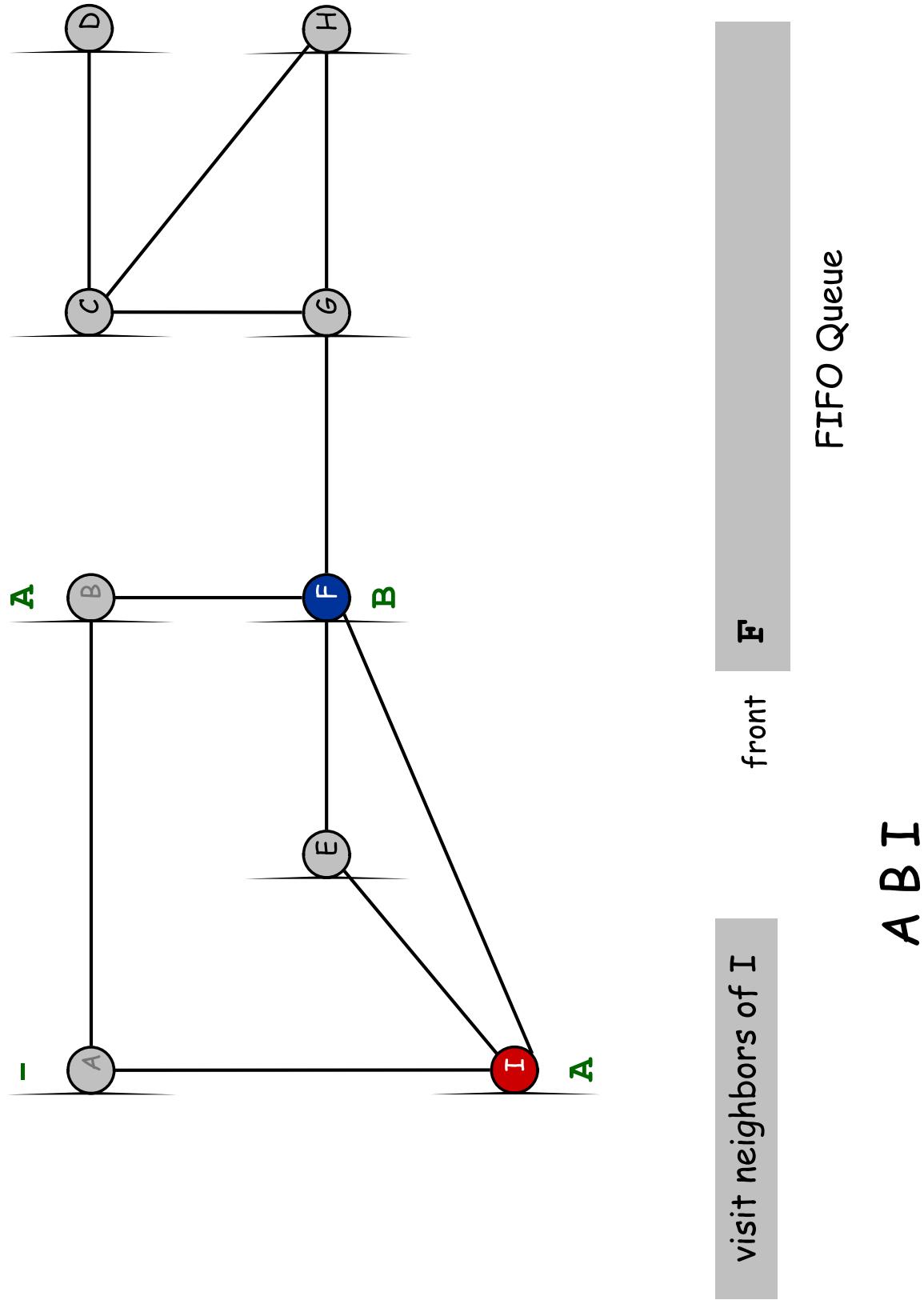
enqueue next vertex

front I

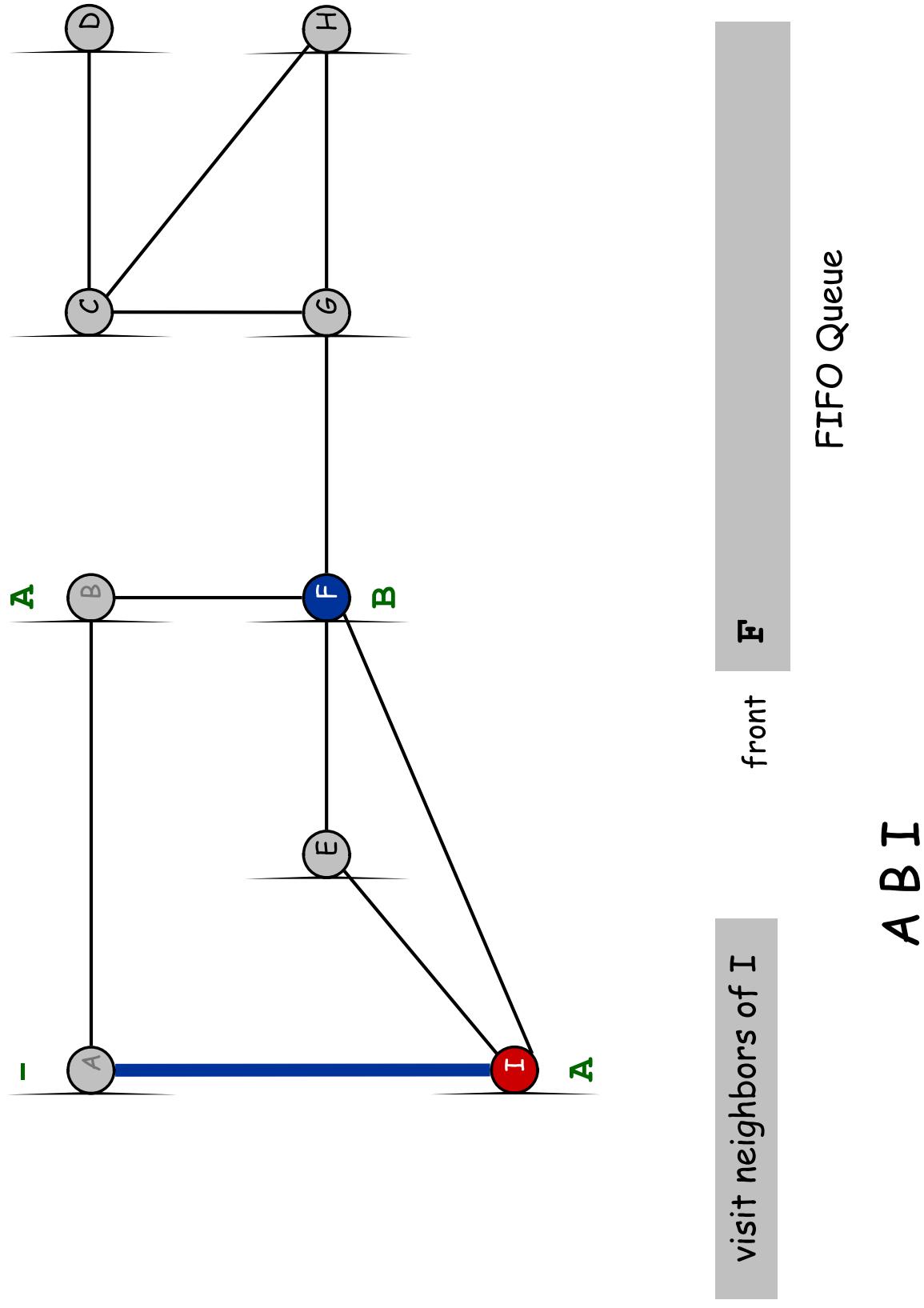
FIFO Queue

A B I

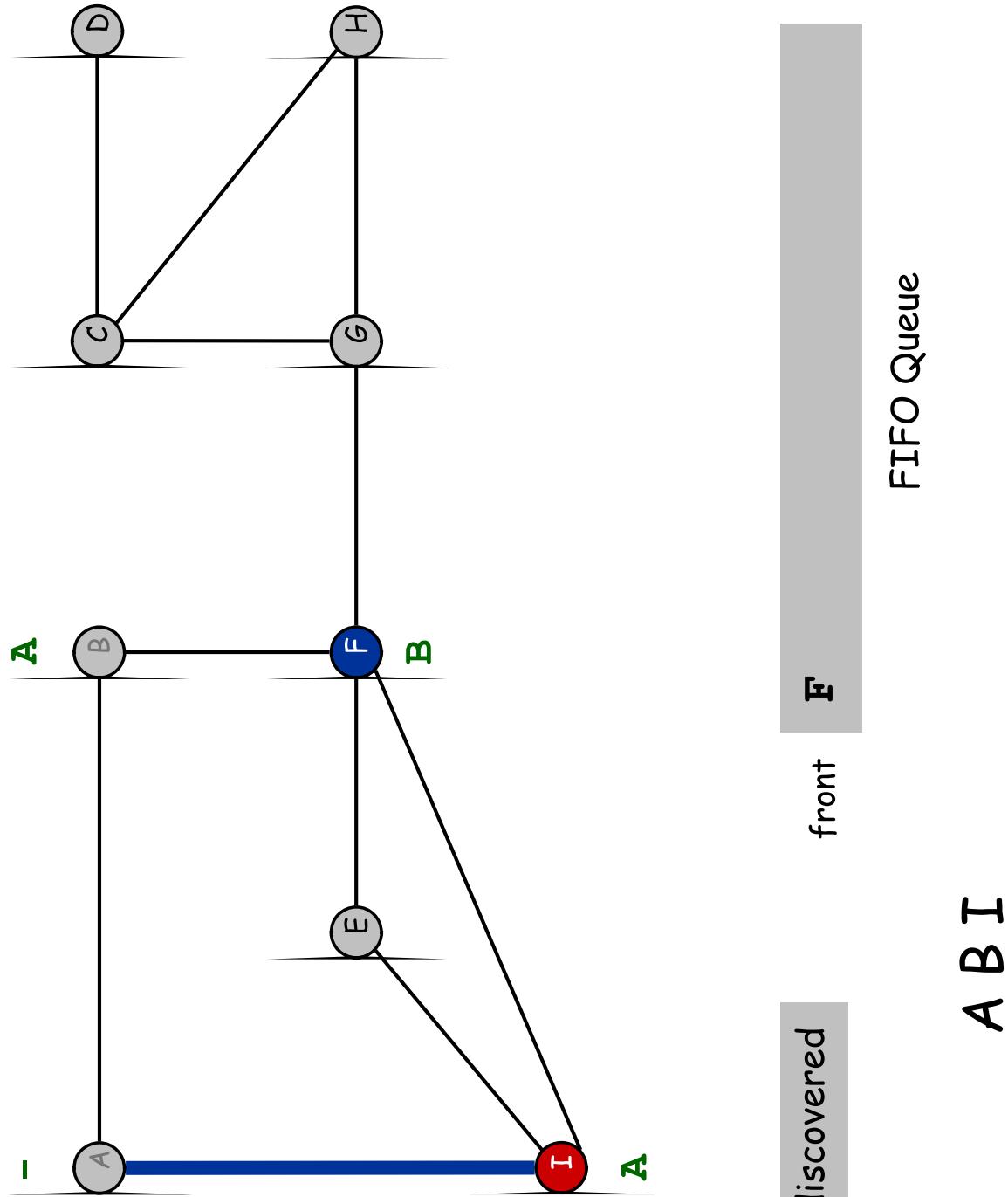
Breadth First Search



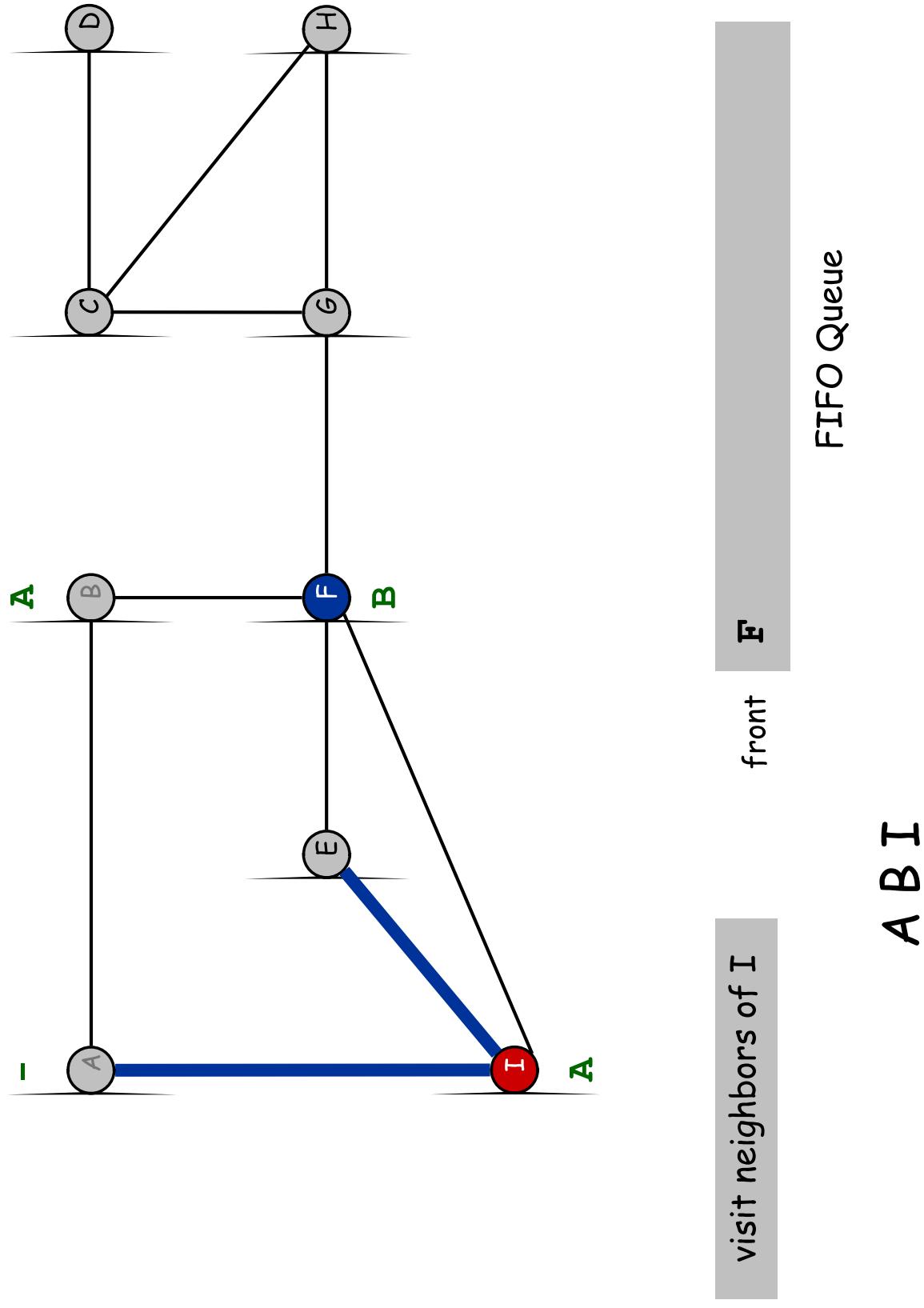
Breadth First Search



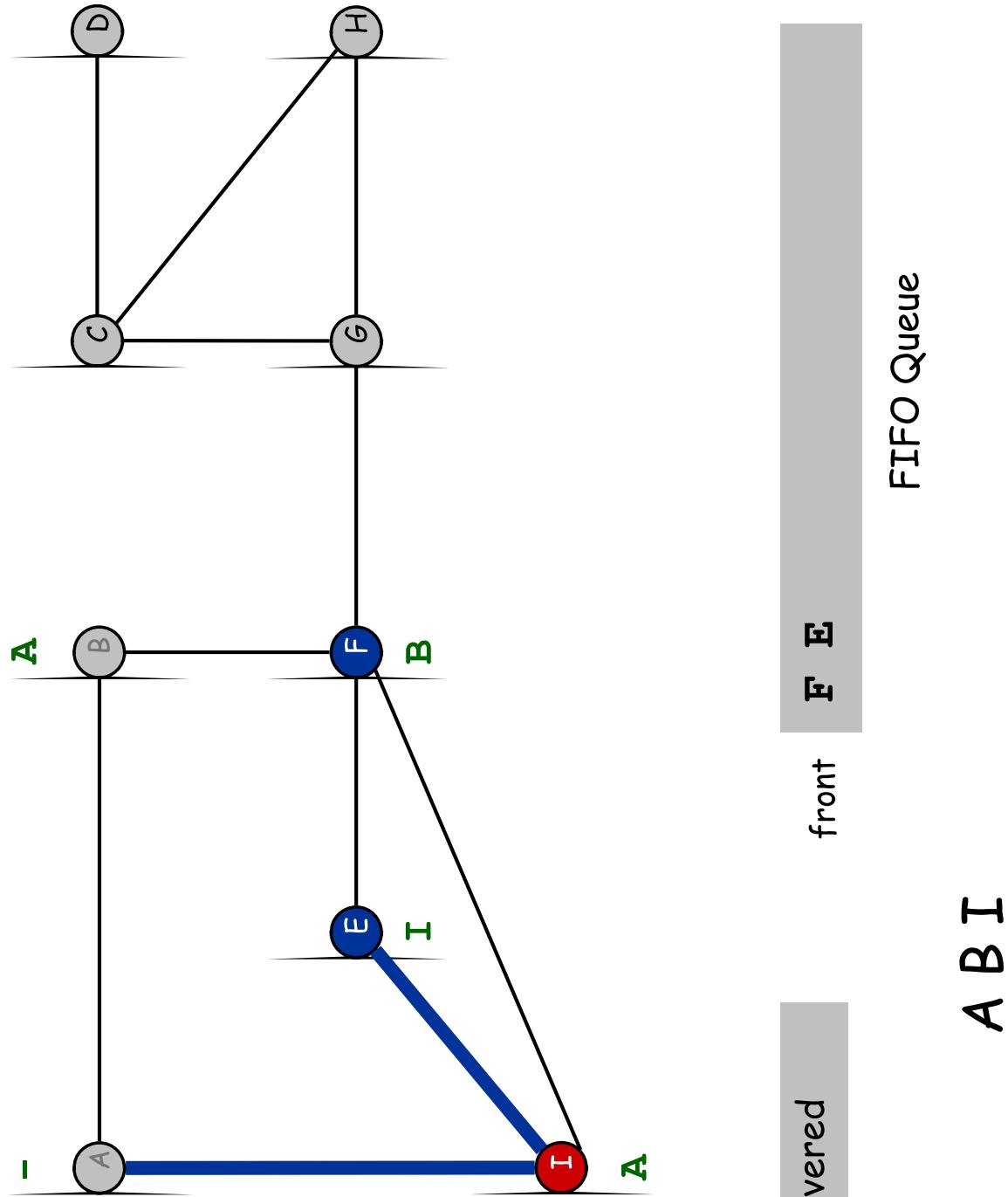
Breadth First Search



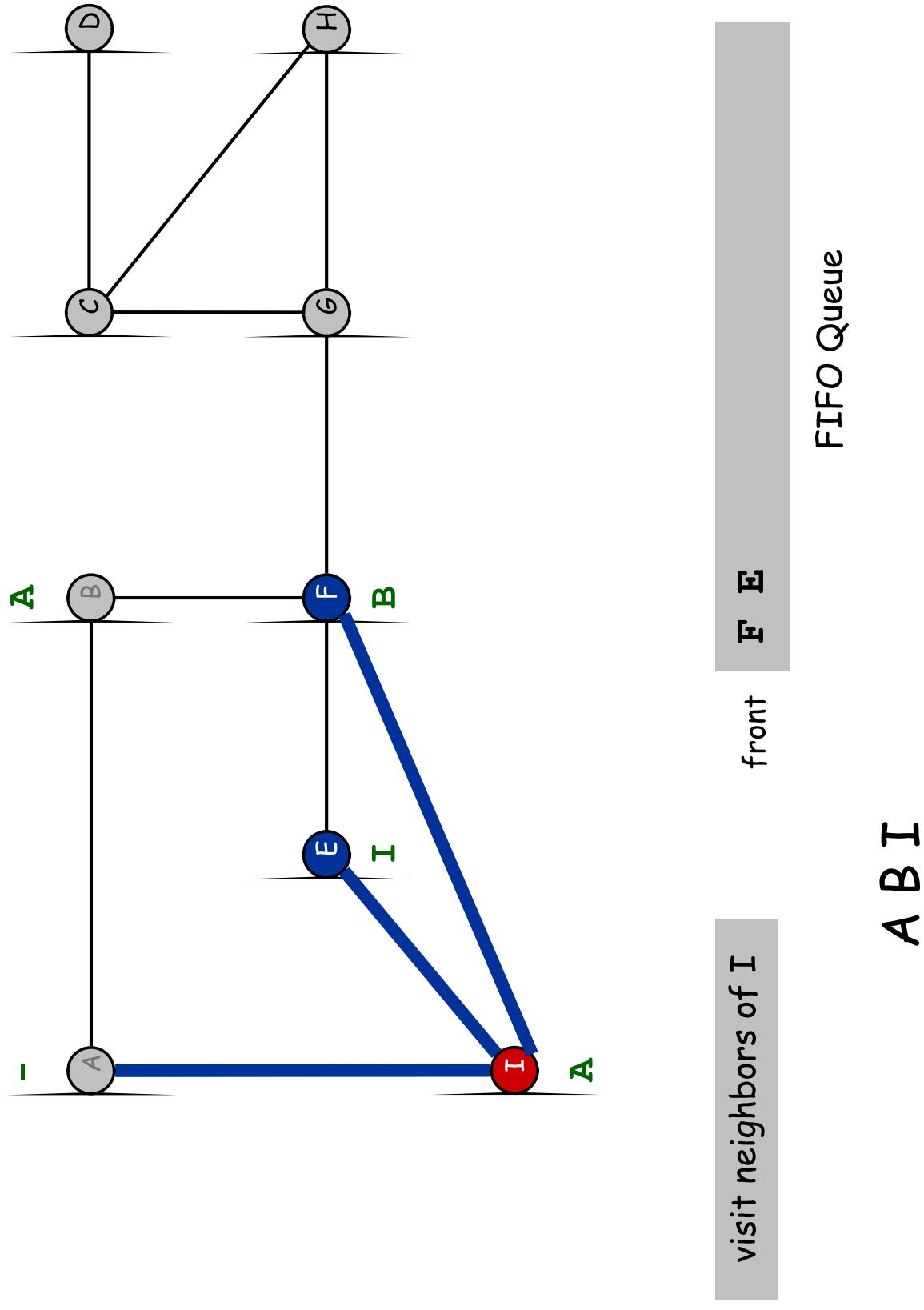
Breadth First Search



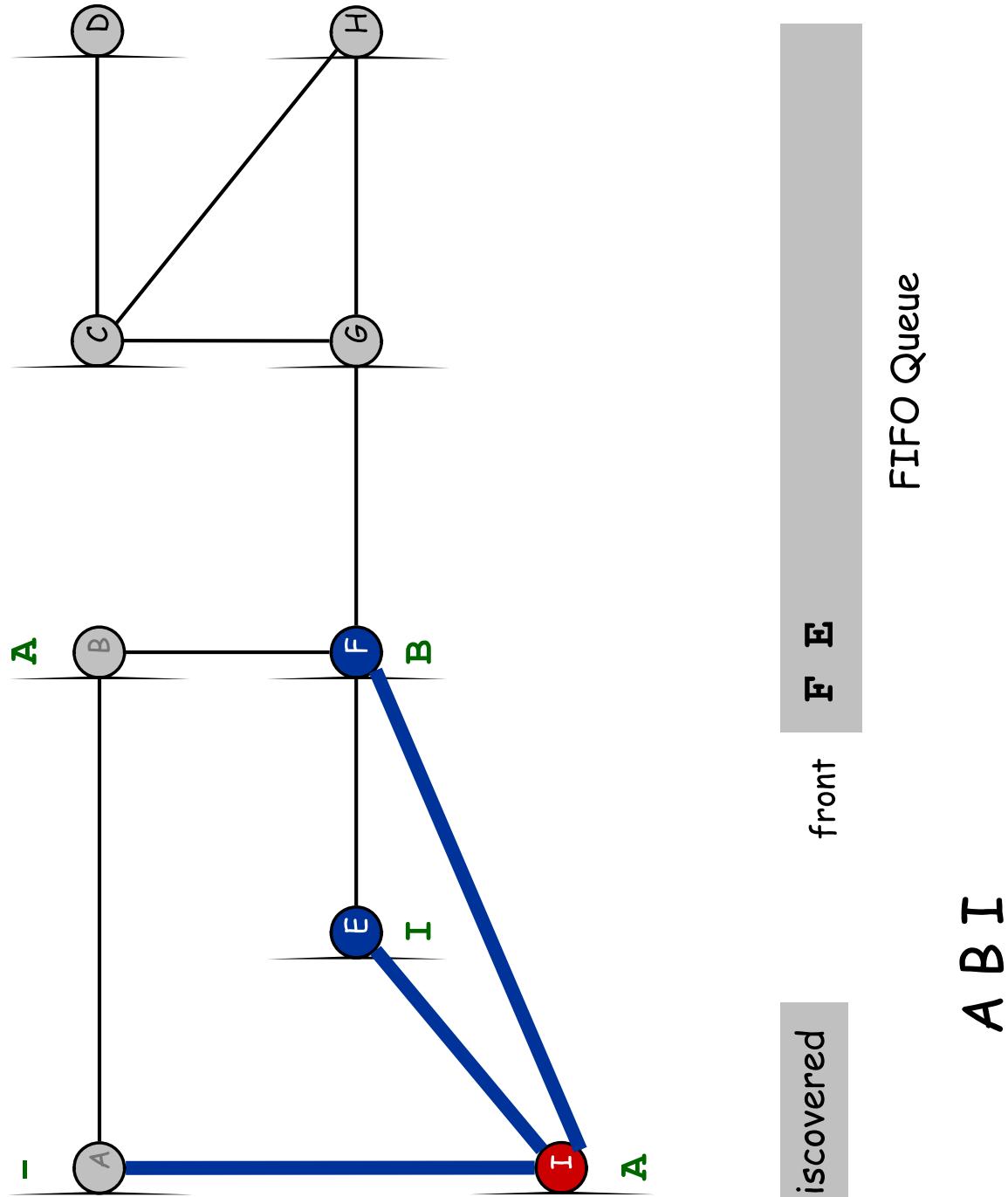
Breadth First Search



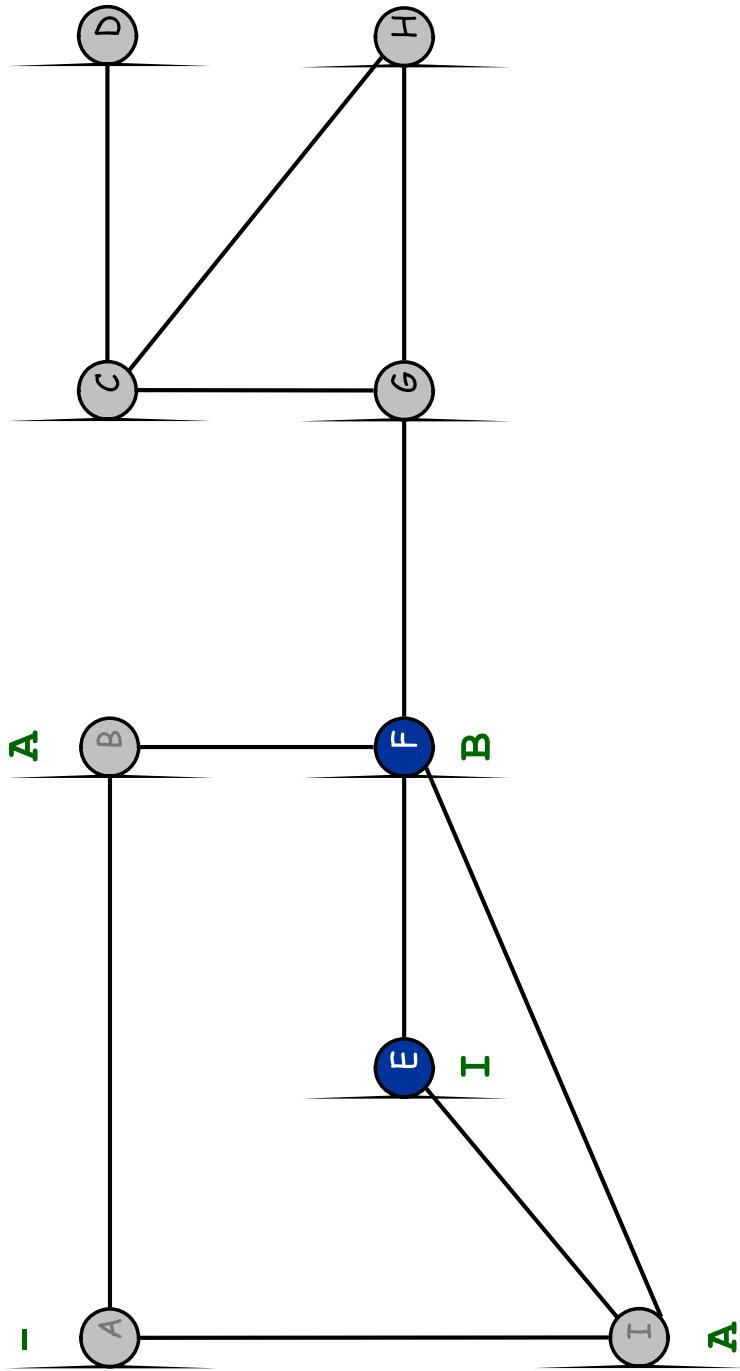
Breadth First Search



Breadth First Search



Breadth First Search



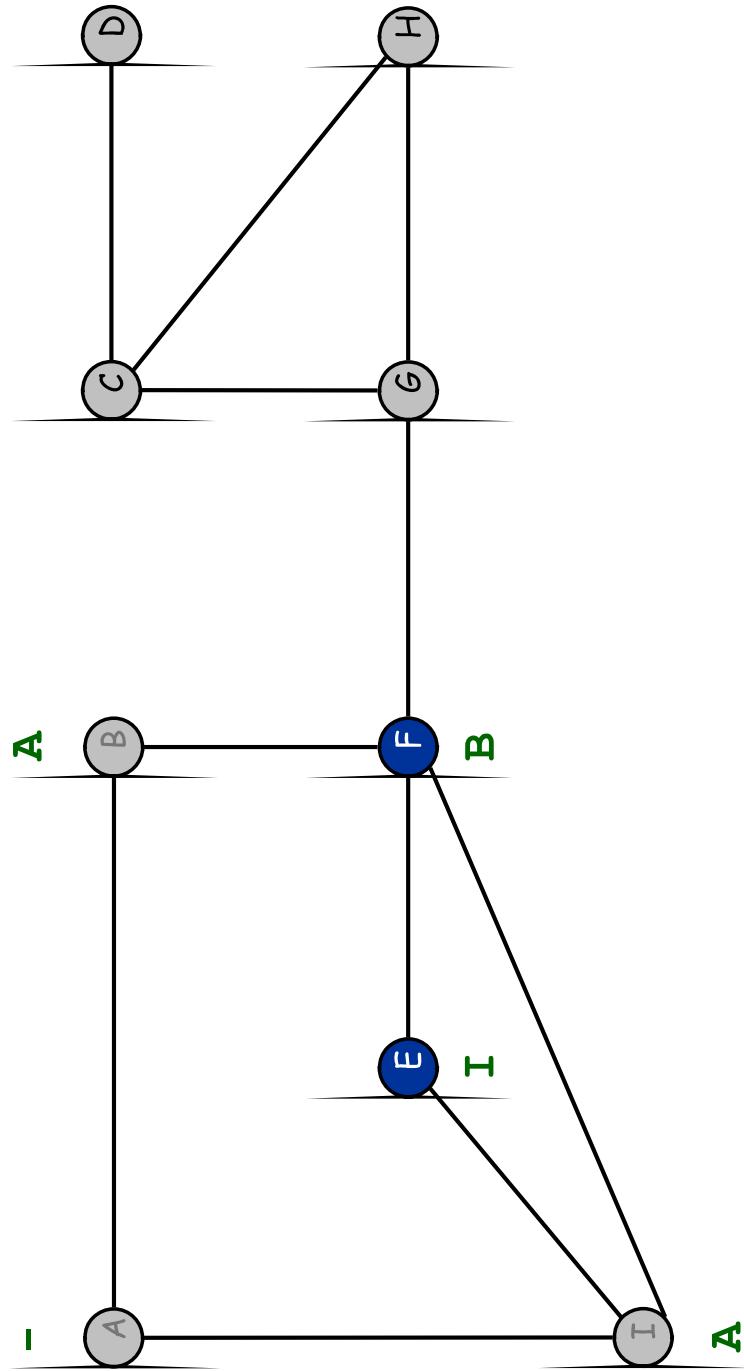
I finished

front F E

FIFO Queue

A B I

Breadth First Search



enqueue next vertex

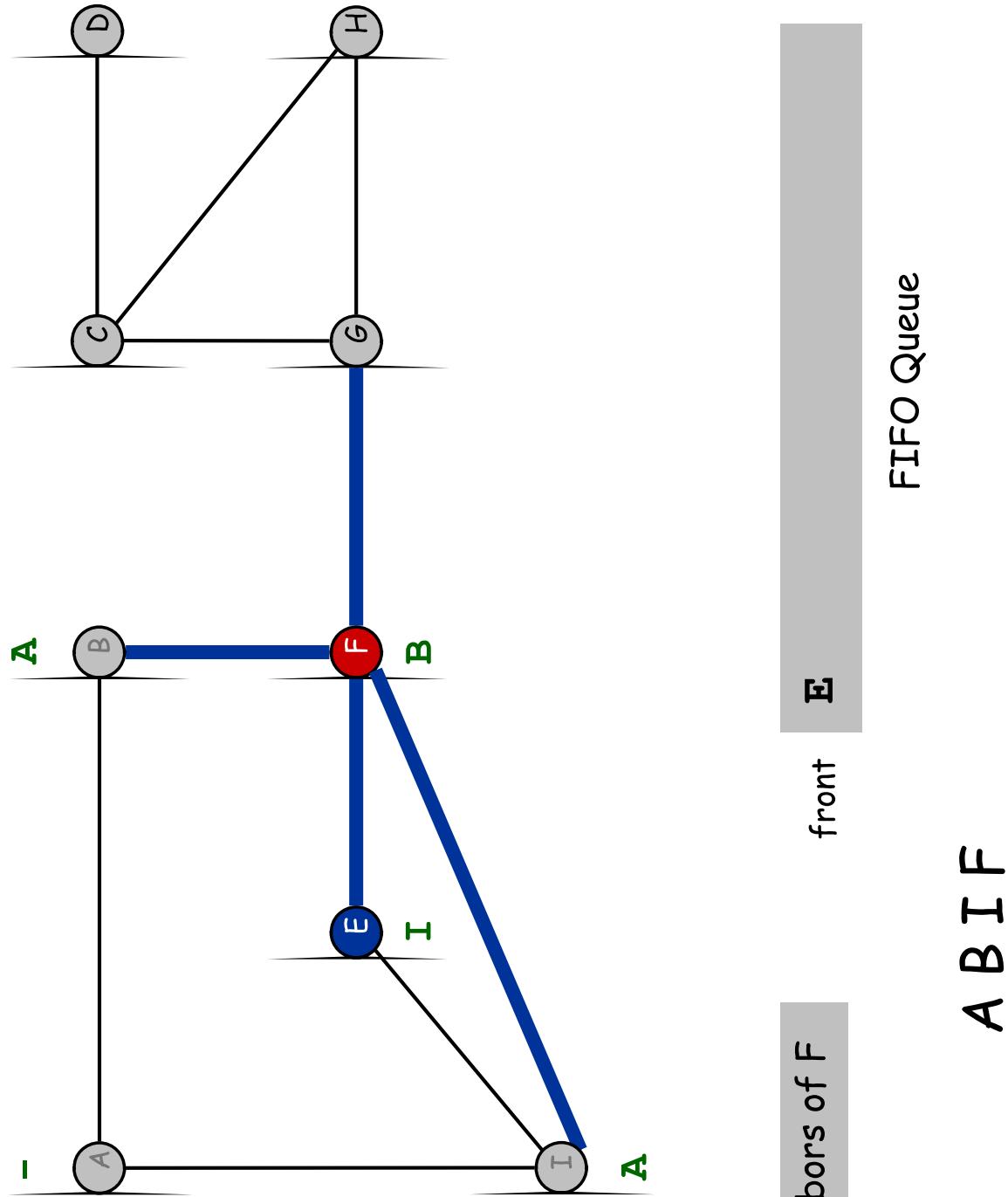
front

F E

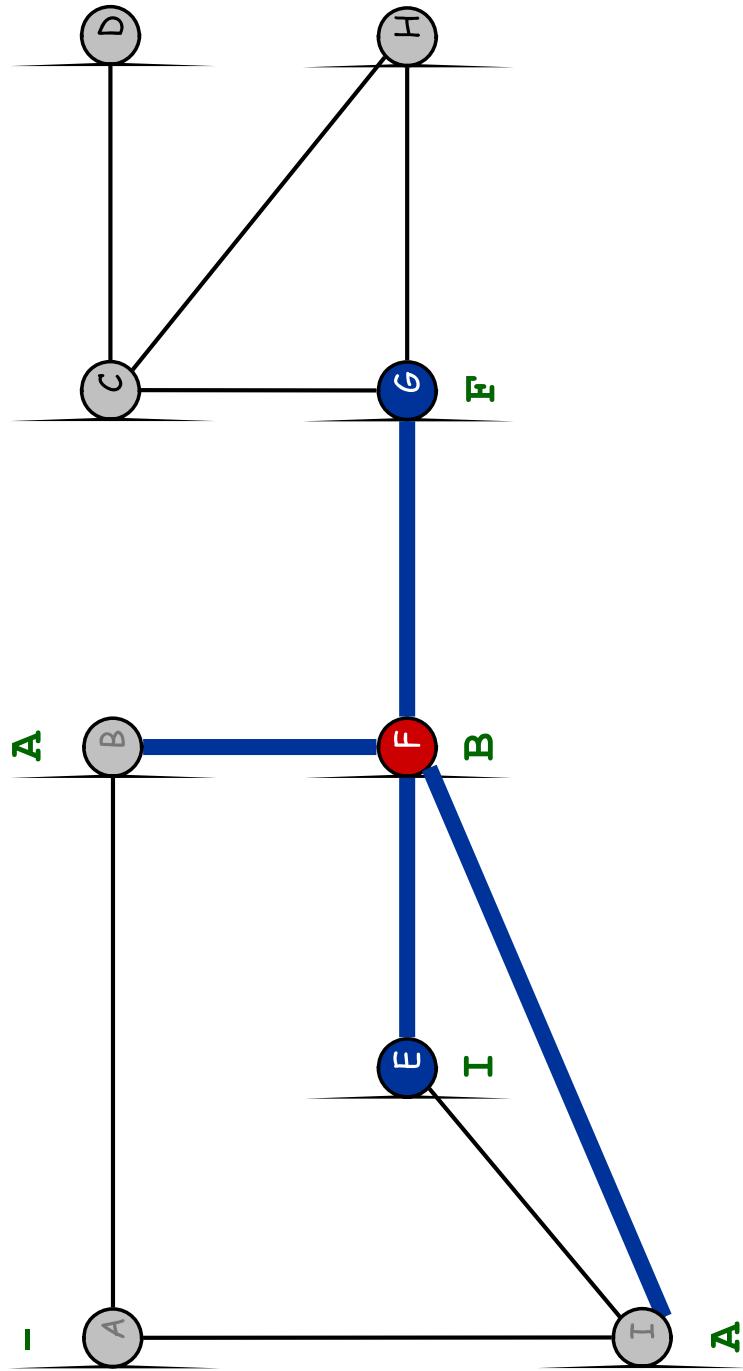
FIFO Queue

A B T F

Breadth First Search



Breadth First Search



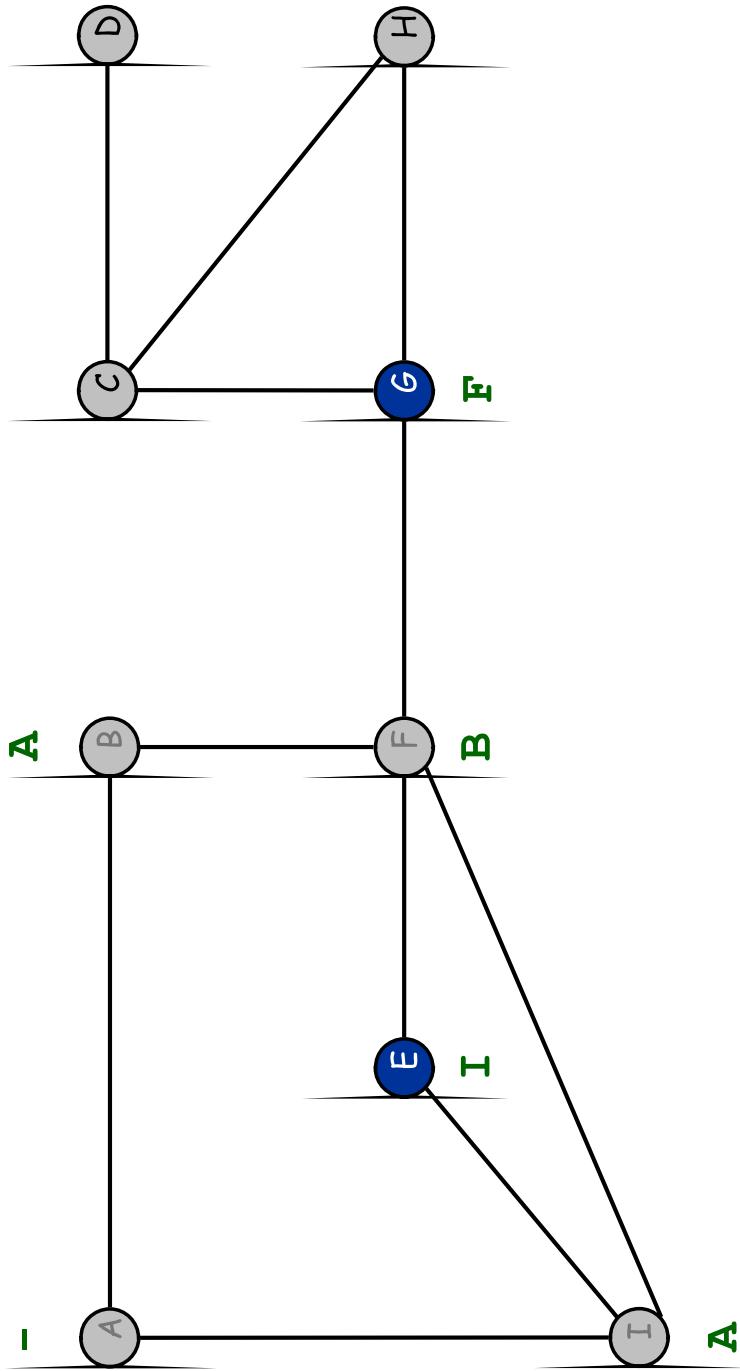
front E G

6 discovered

FIFO Queue

A B I F

Breadth First Search



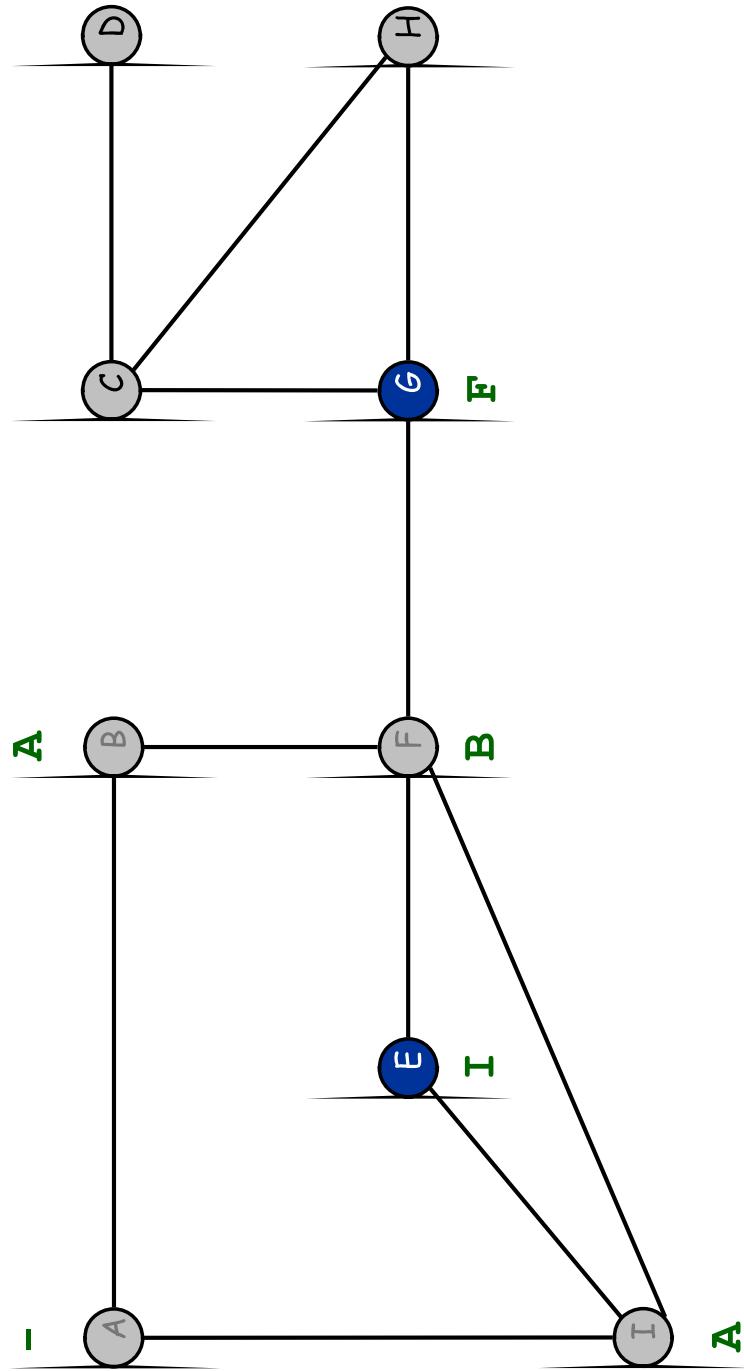
F finished

front E G

FIFO Queue

A B I F

Breadth First Search



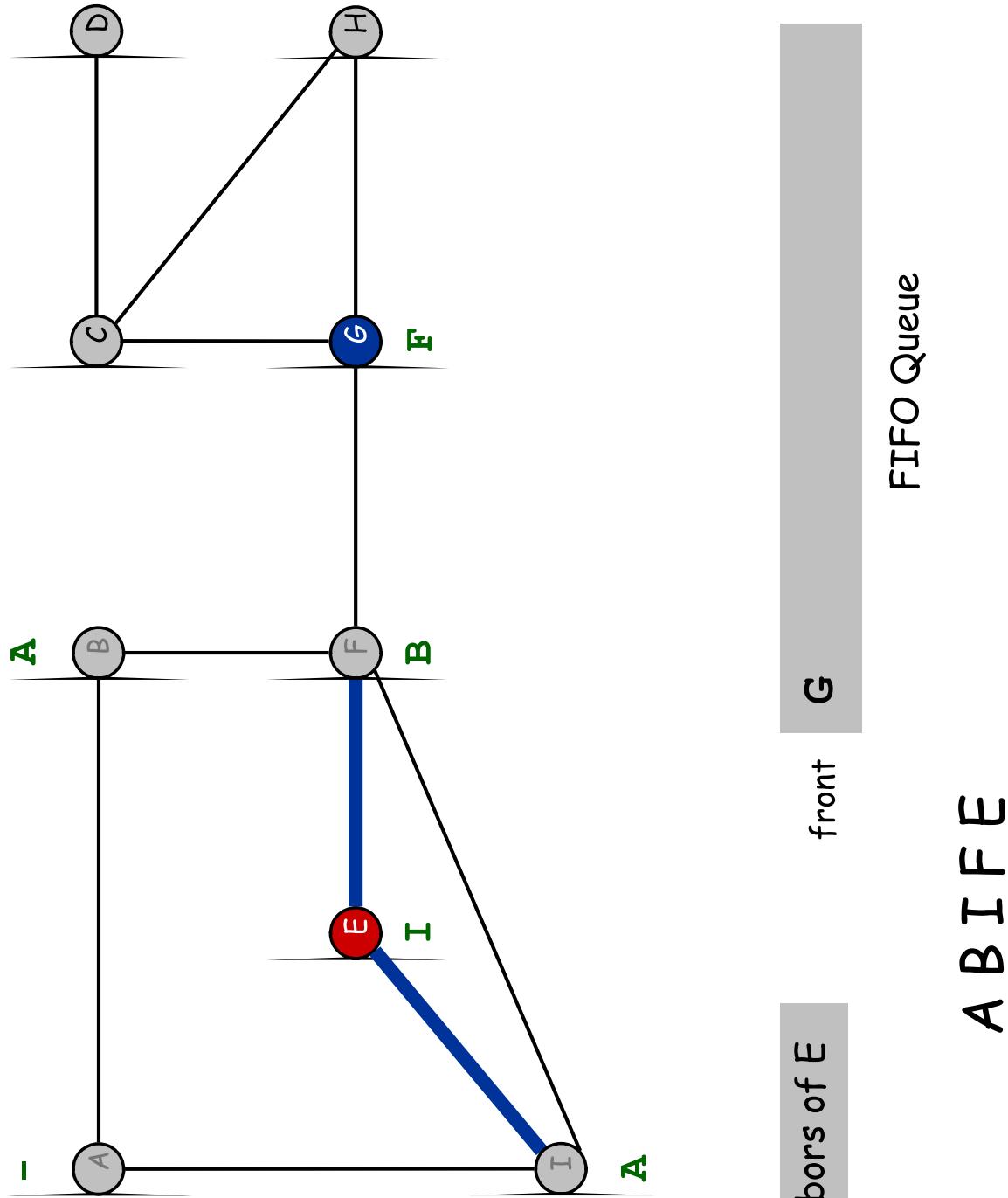
enqueue next vertex

front

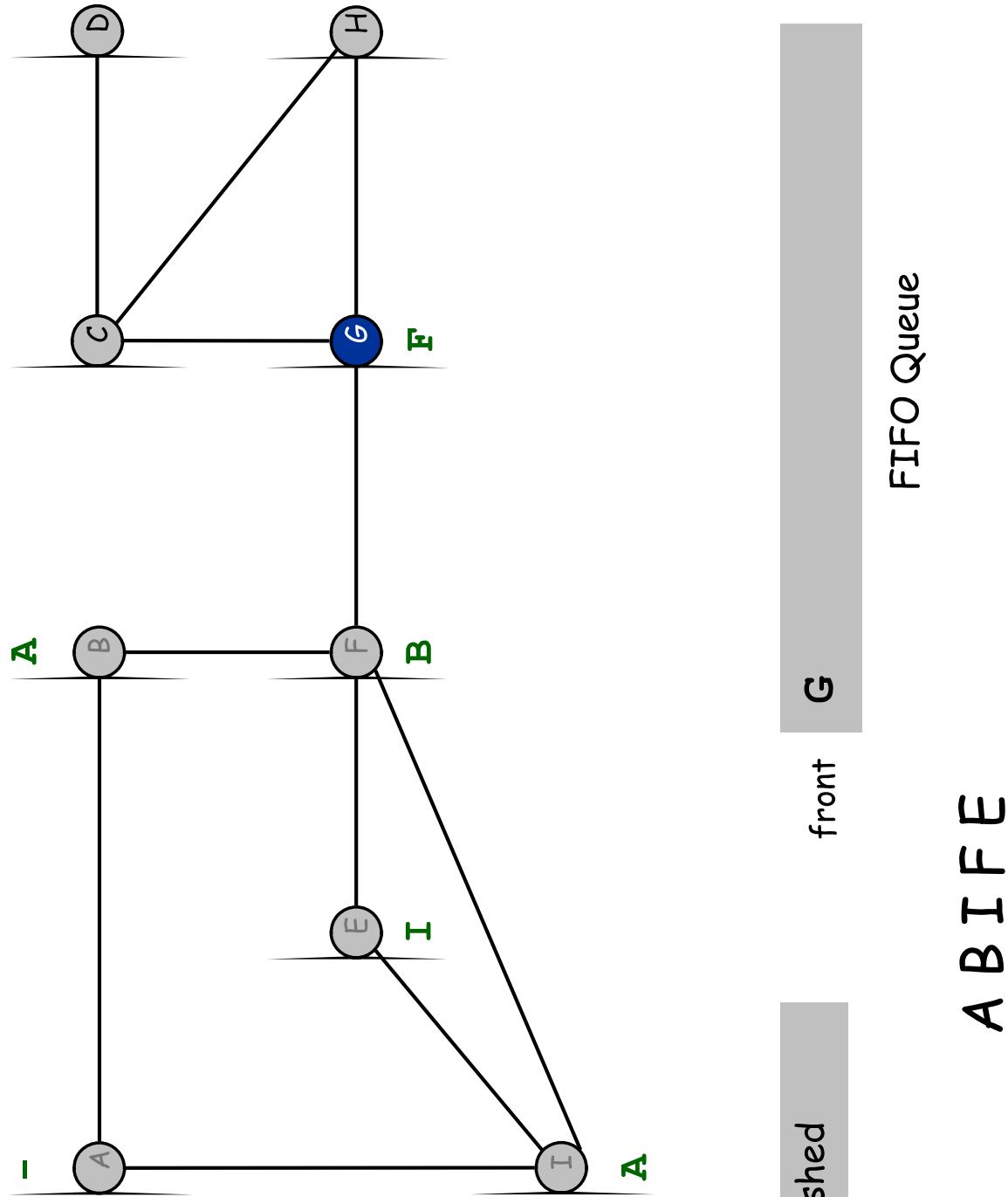
FIFO Queue

A B I F E

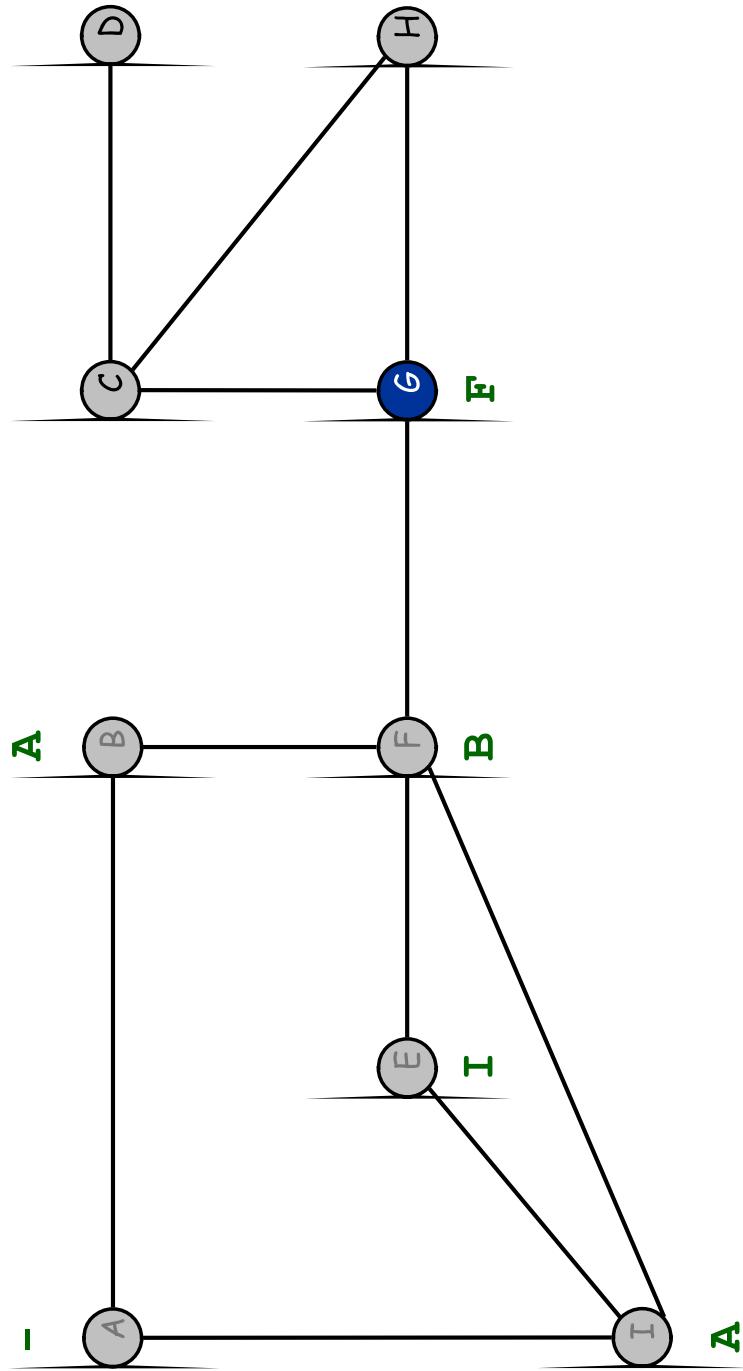
Breadth First Search



Breadth First Search



Breadth First Search



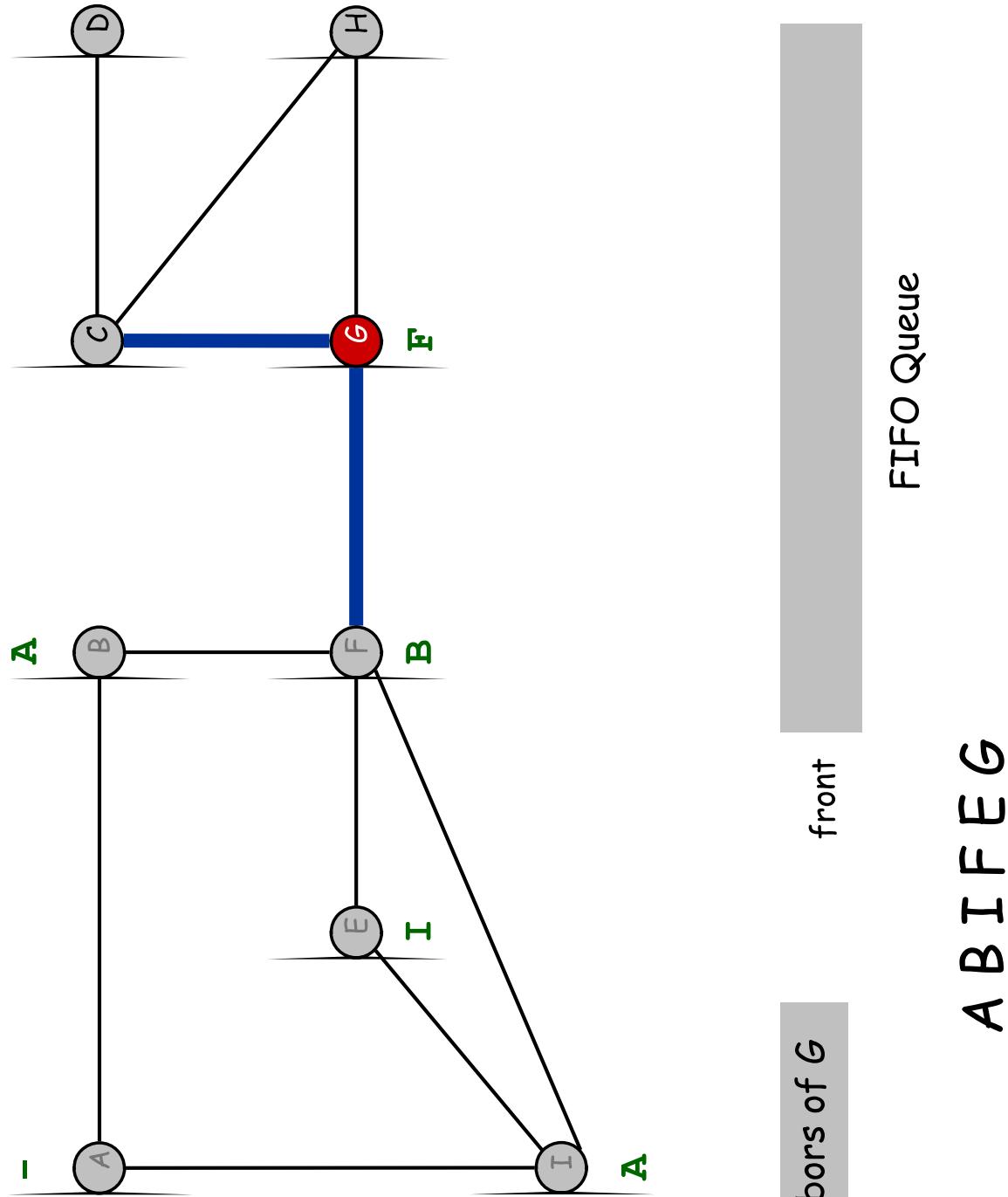
dequeue next vertex

front

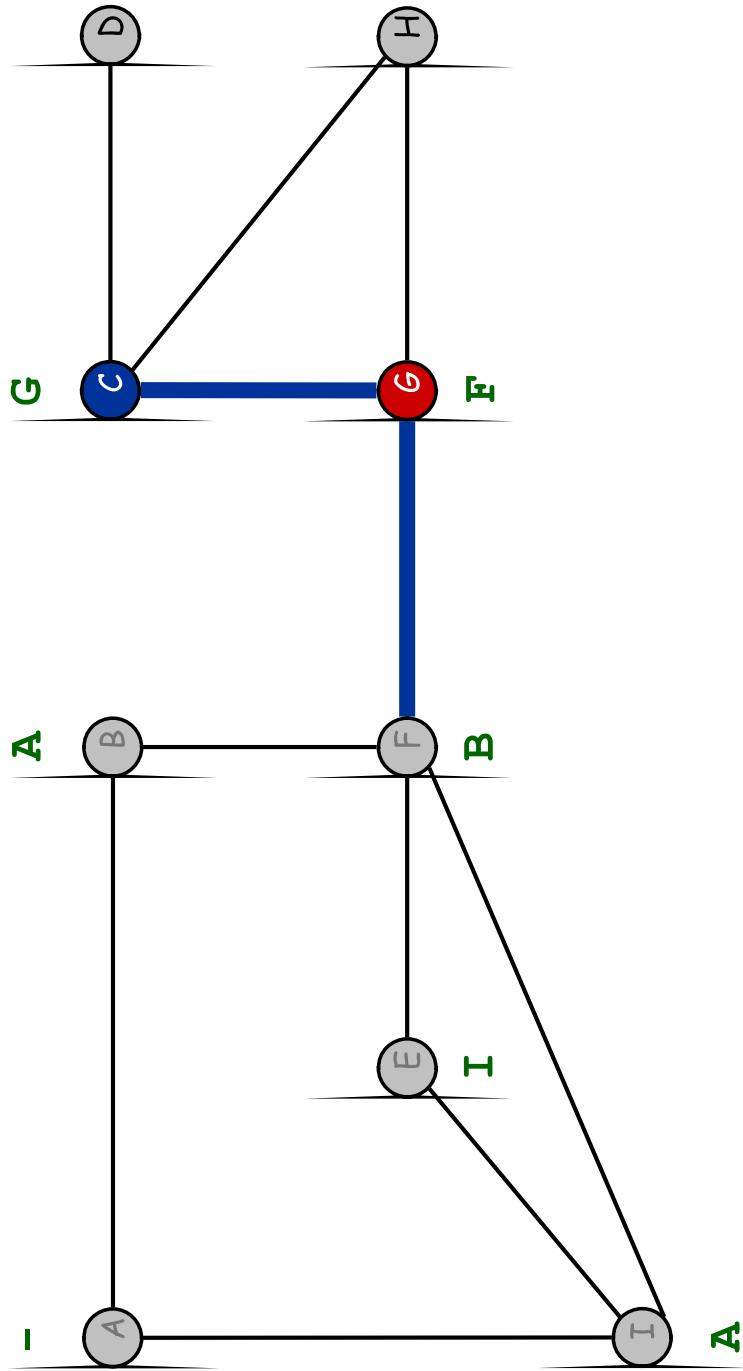
FIFO Queue

A B I F E G

Breadth First Search

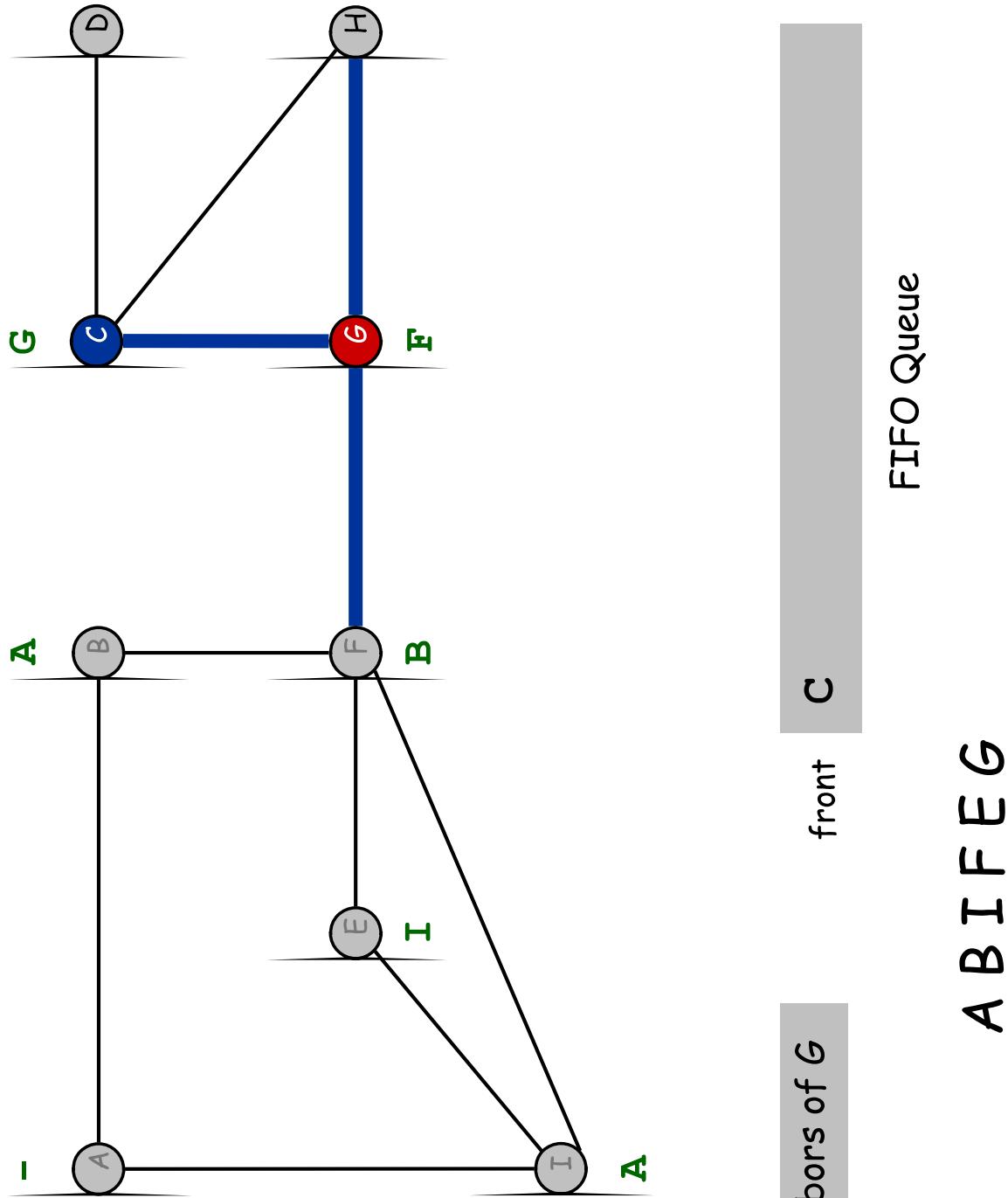


Breadth First Search

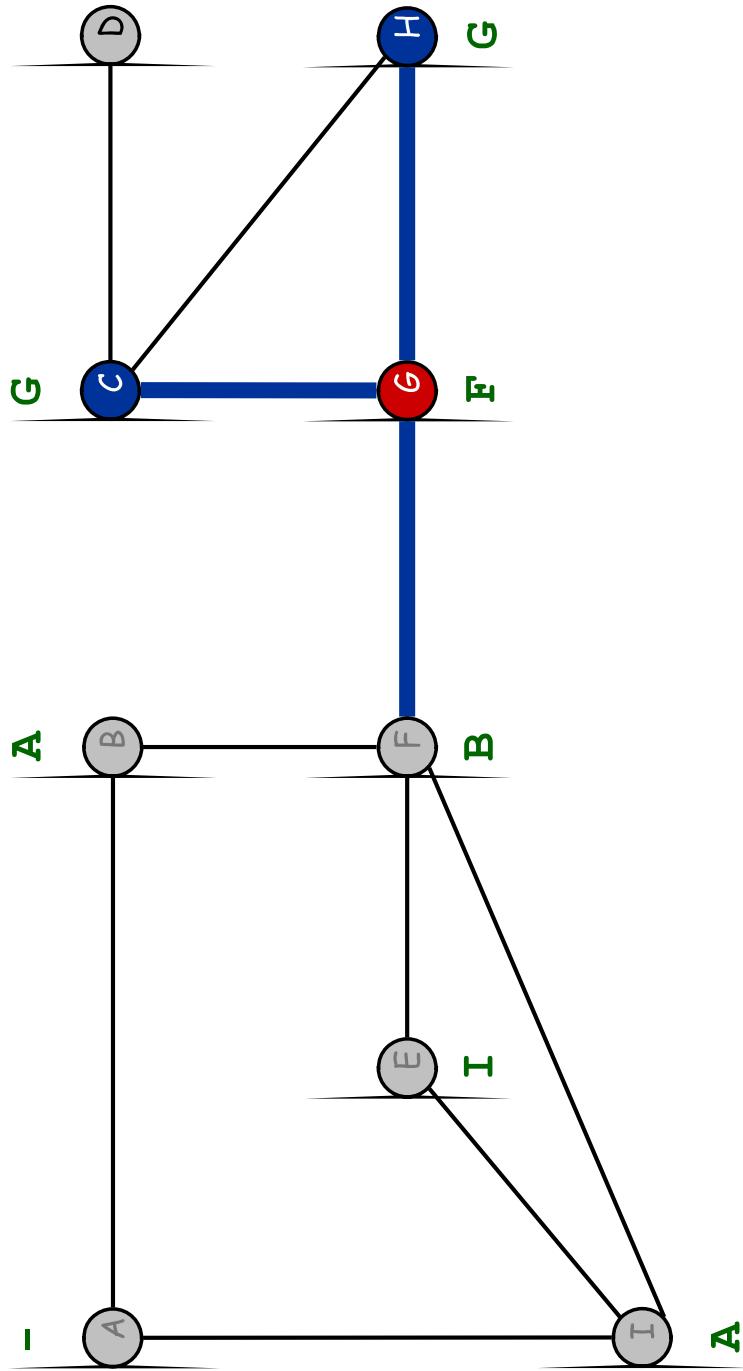


A B I F E G

Breadth First Search



Breadth First Search



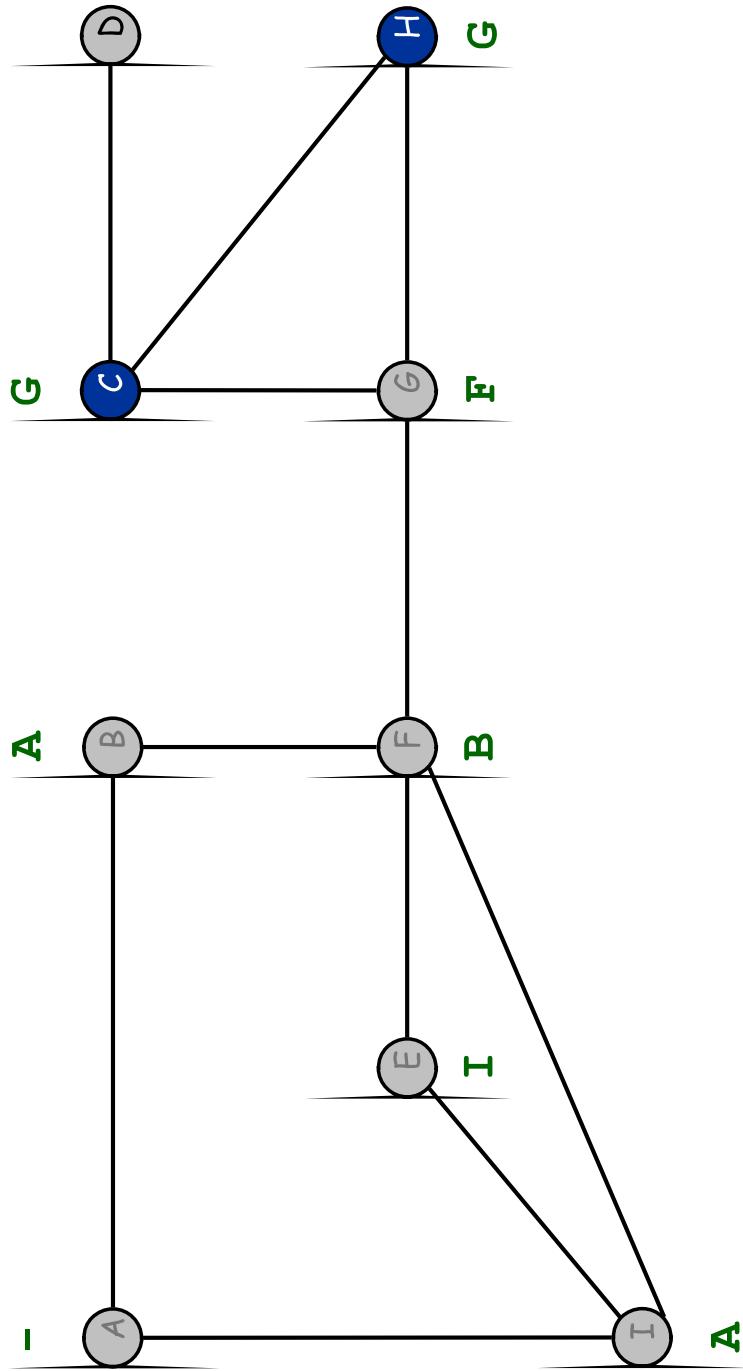
H discovered

front

FIFO Queue

A B I F E G

Breadth First Search



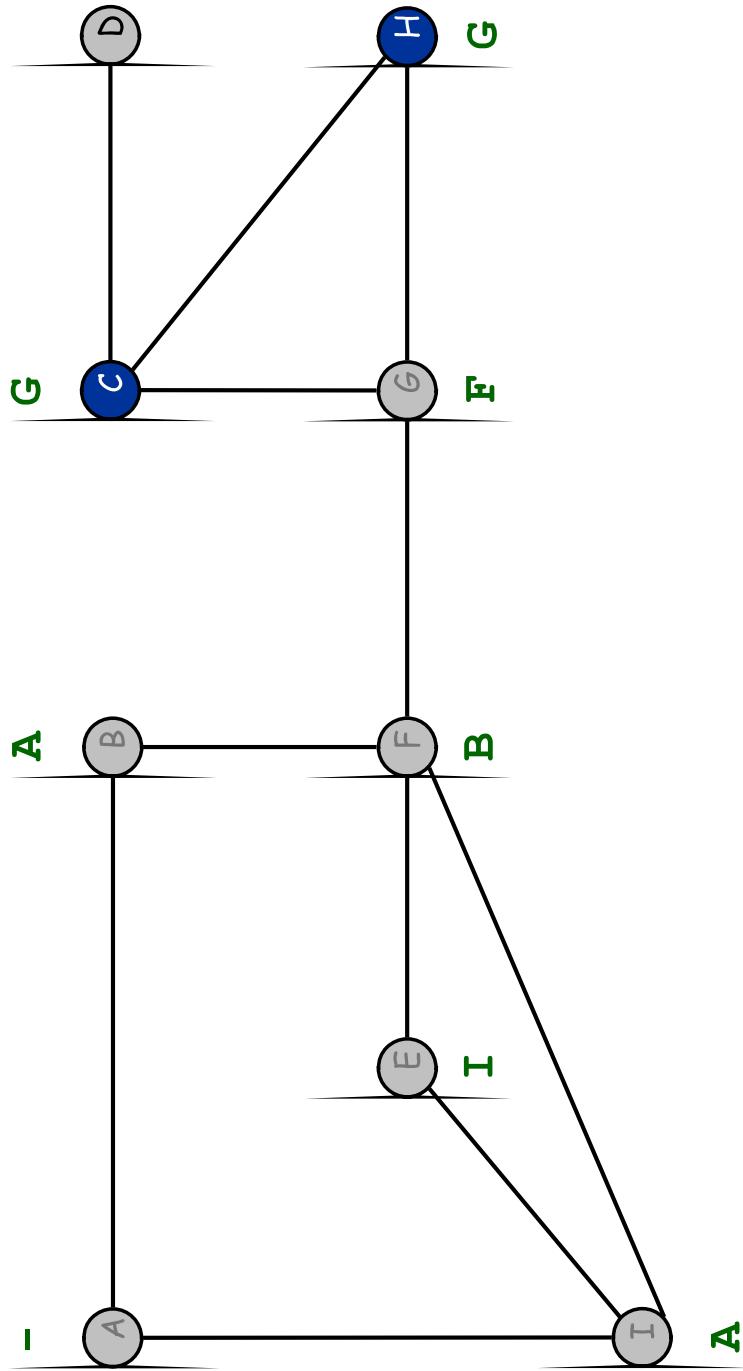
G finished

front C H

FIFO Queue

A B I F E G

Breadth First Search



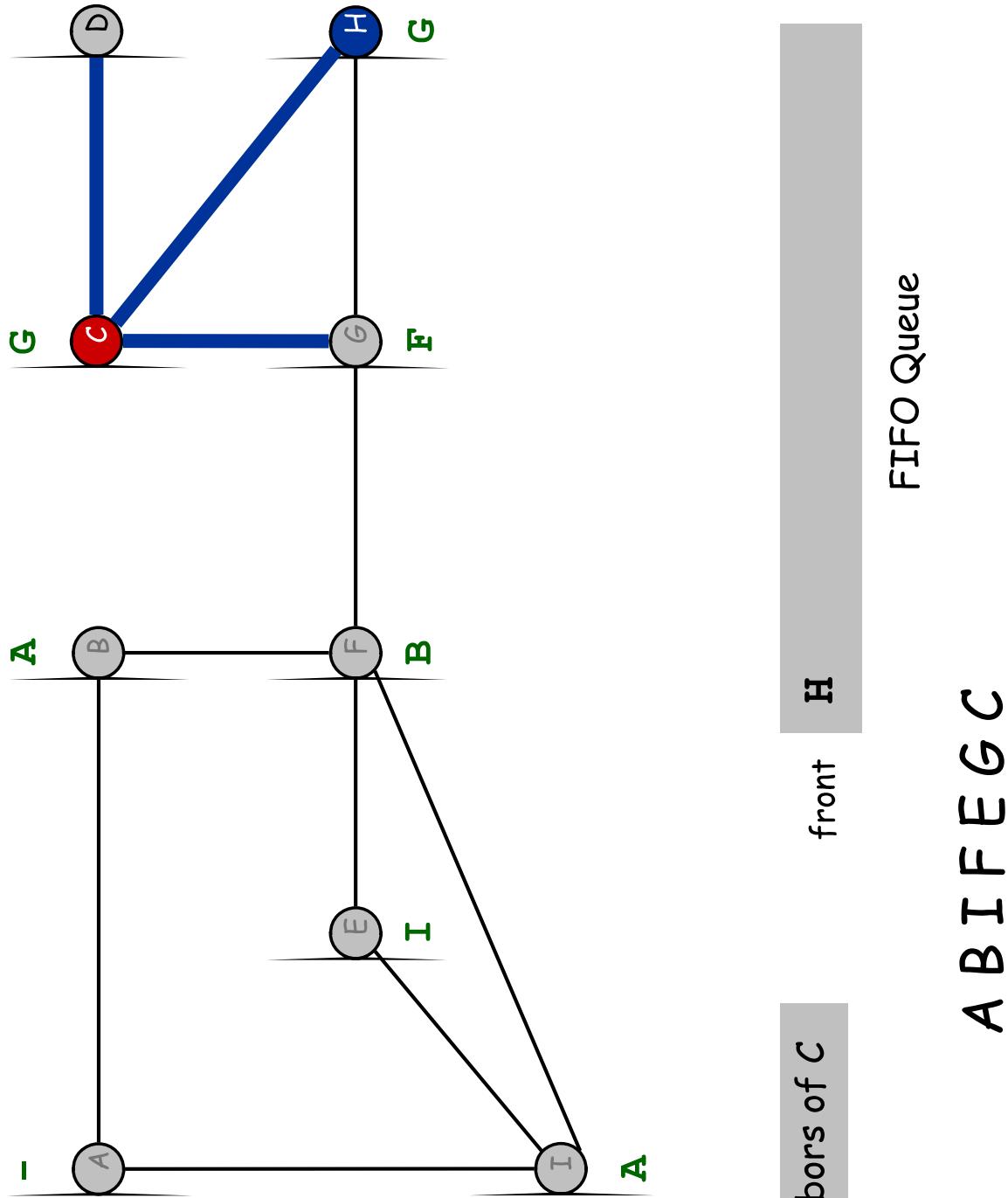
enqueue next vertex

front

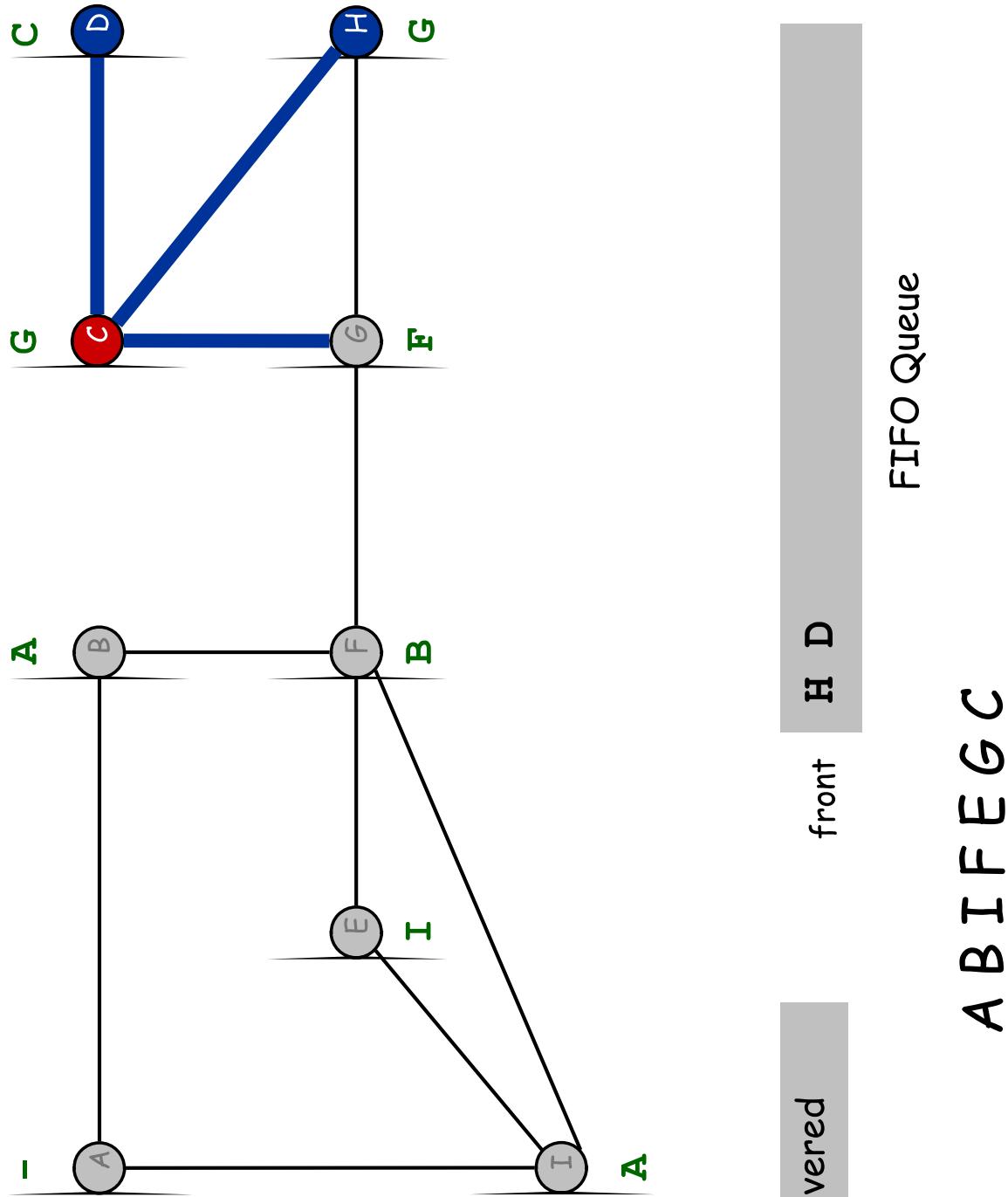
FIFO Queue

A B I F E G C

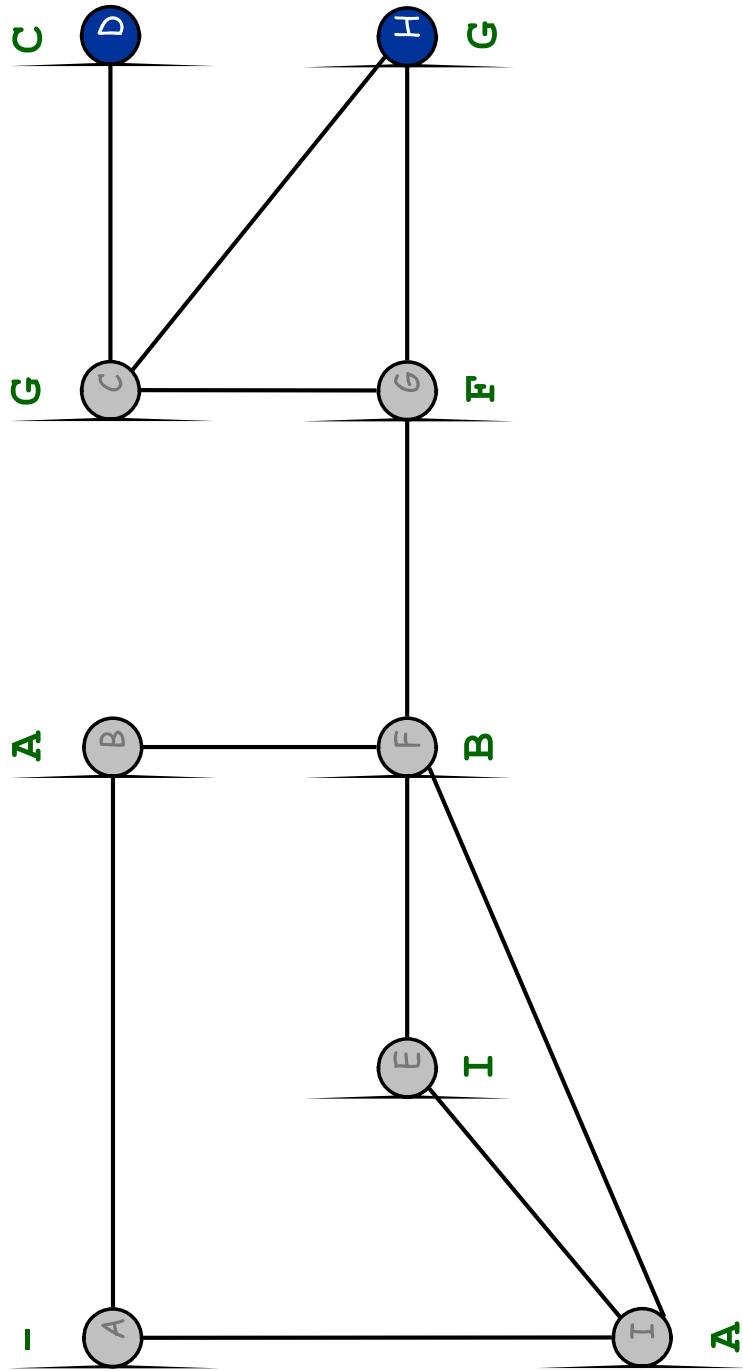
Breadth First Search



Breadth First Search



Breadth First Search



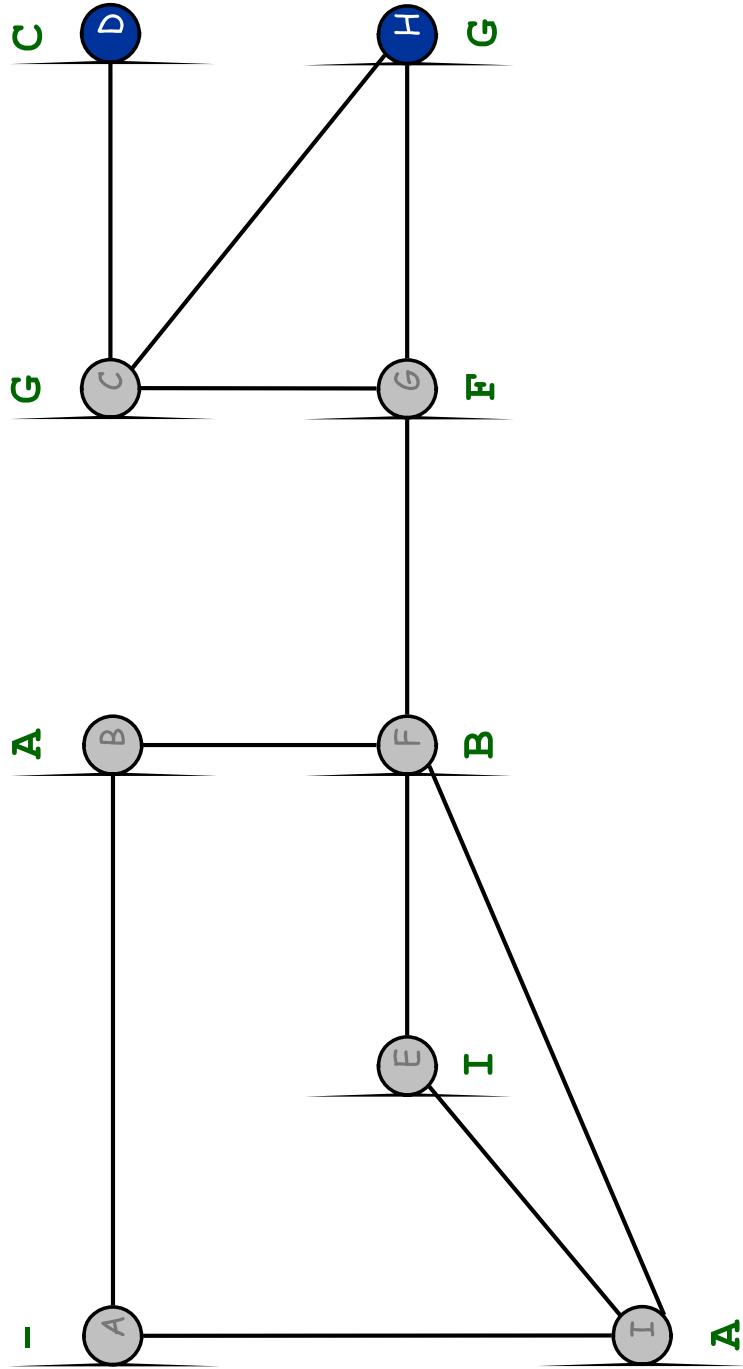
C finished

front H D

FIFO Queue

A B I F E G C

Breadth First Search



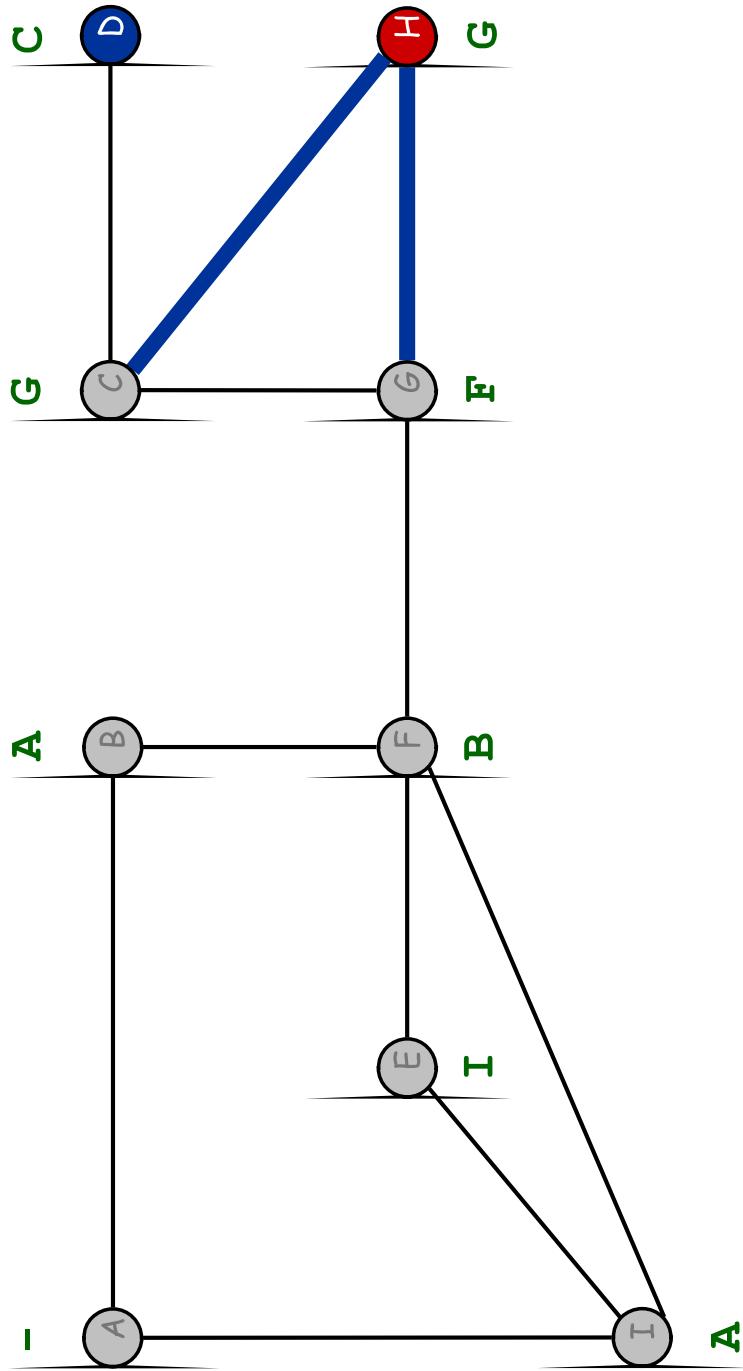
Dequeue next vertex

front H D

FIFO Queue

A B I F E G C H

Breadth First Search



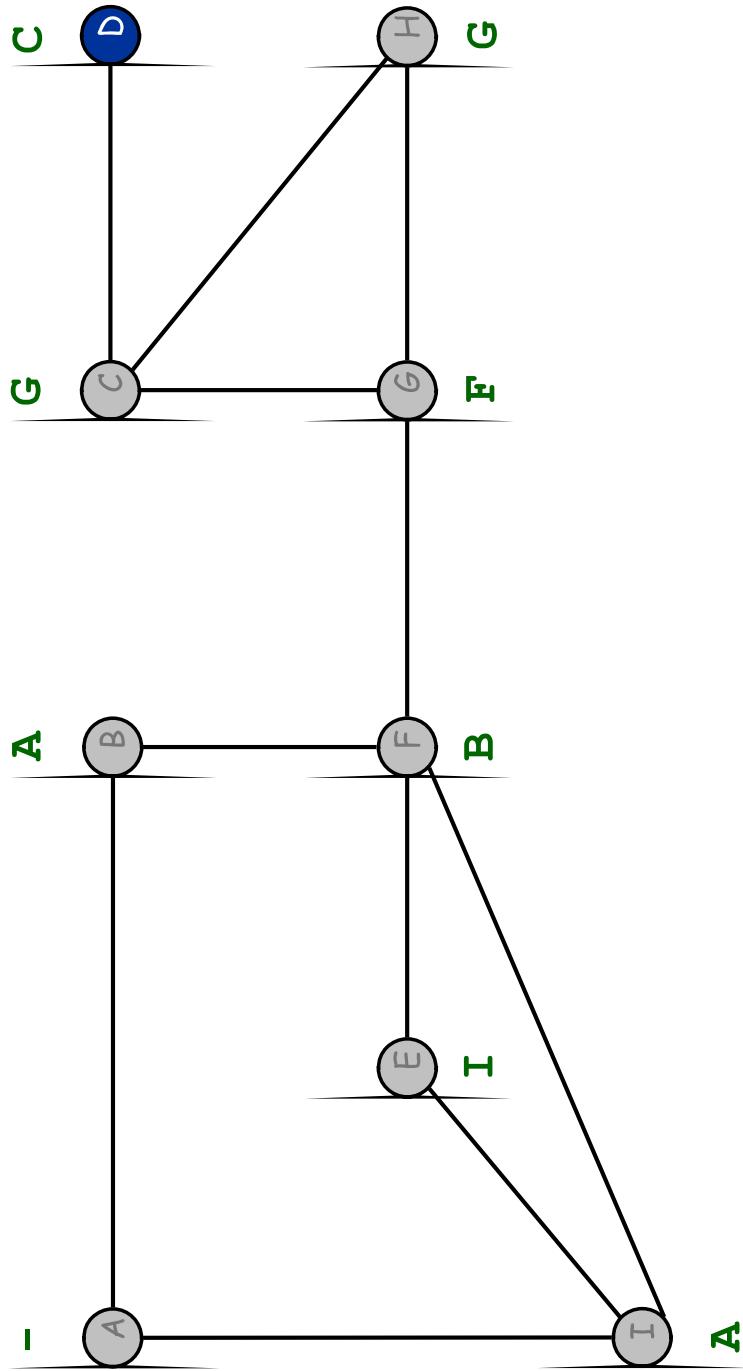
visit neighbors of H

front D

FIFO Queue

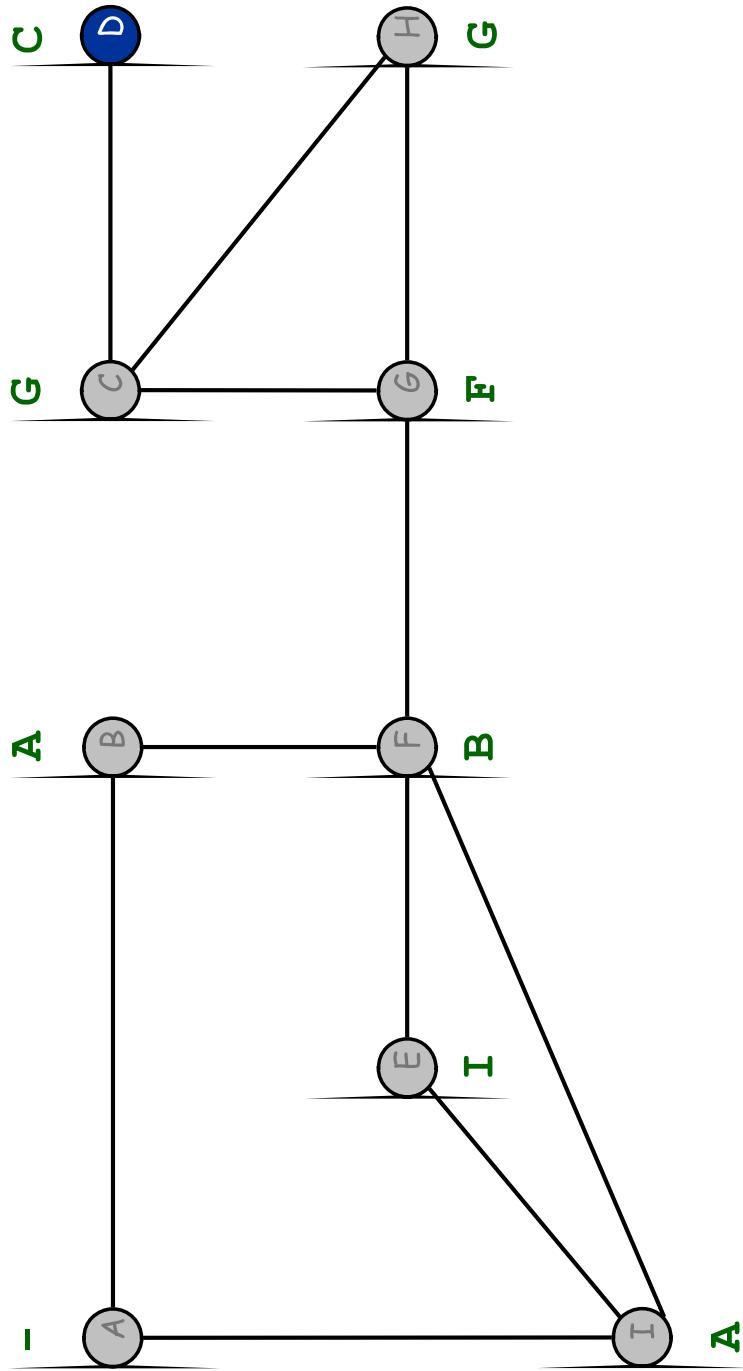
A B C D E F G H

Breadth First Search



A B I F E G C H

Breadth First Search



enqueue next vertex

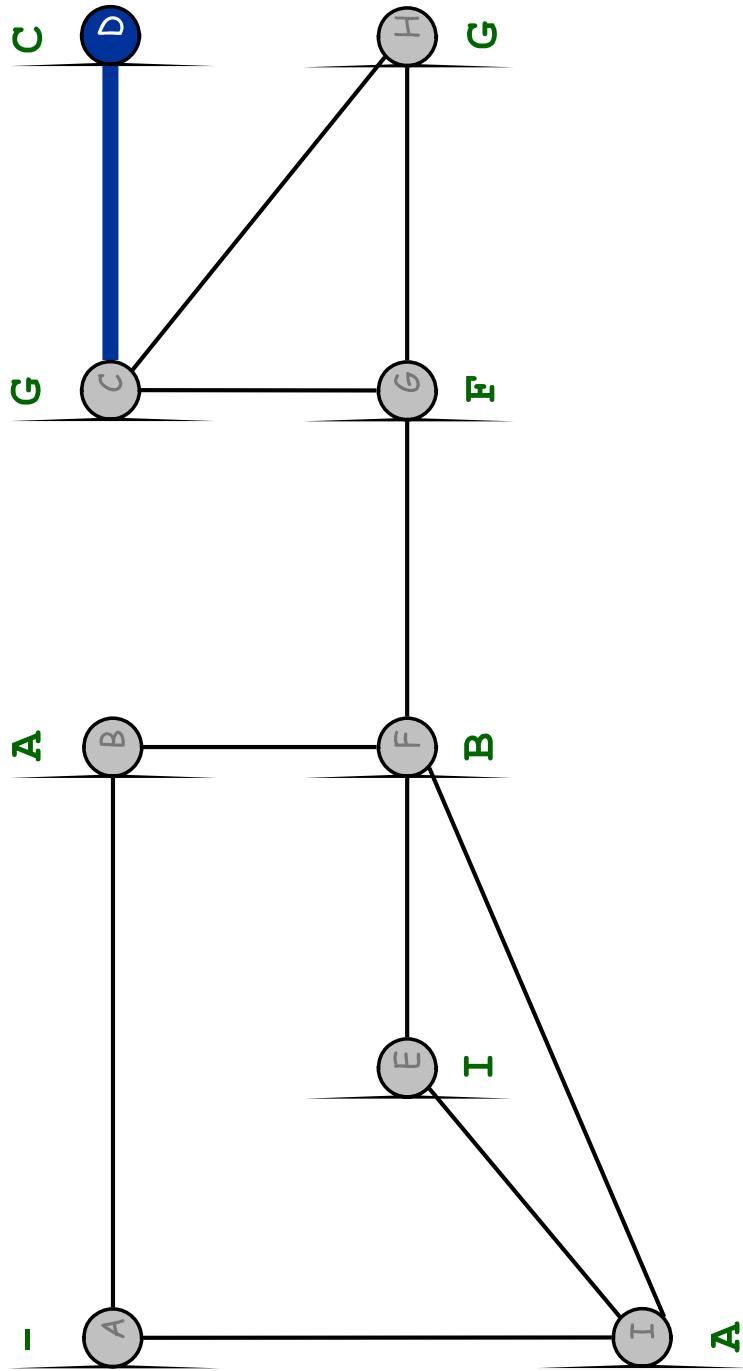
front

D

FIFO Queue

A B C D E F G H I

Breadth First Search



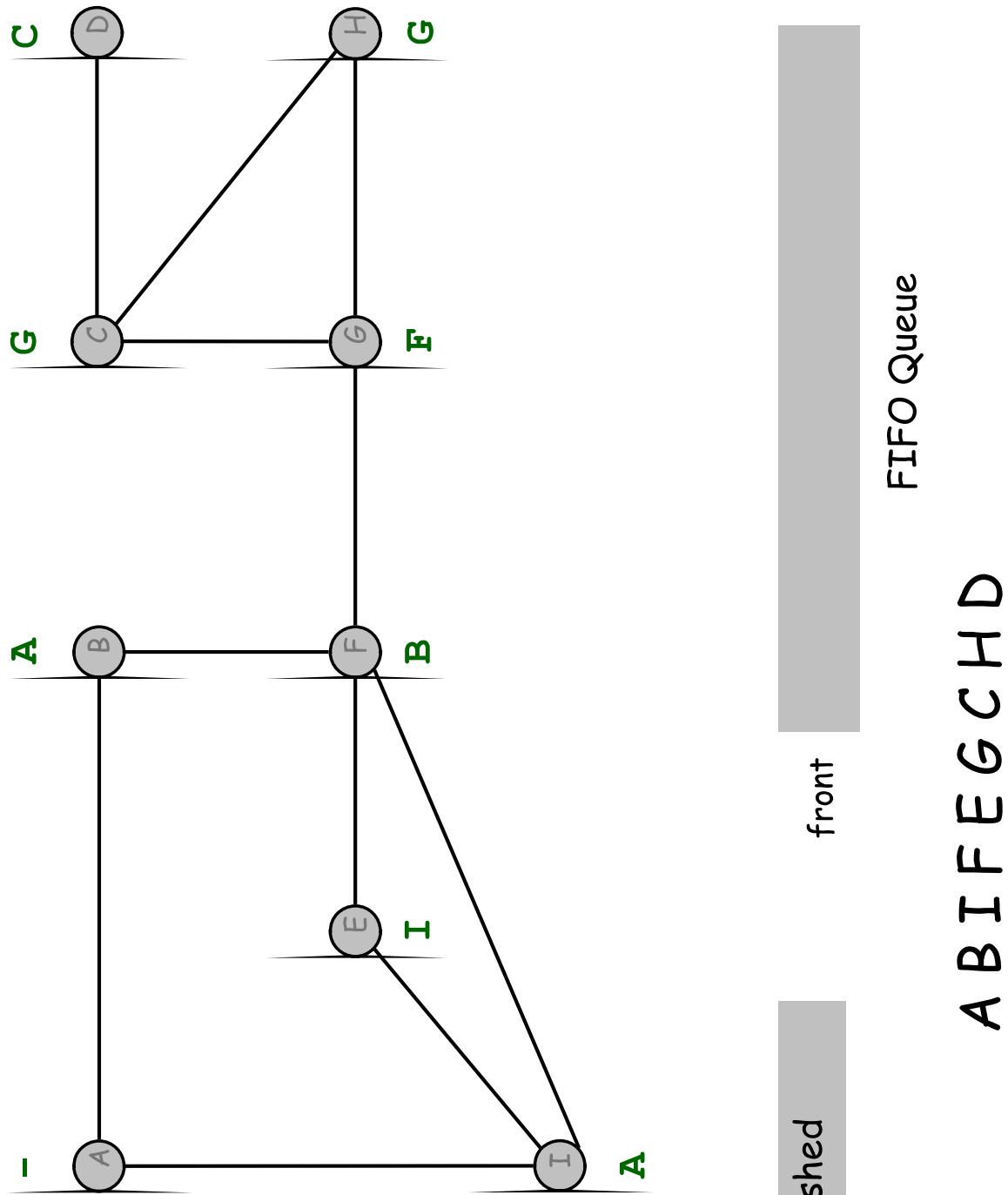
visit neighbors of D

front

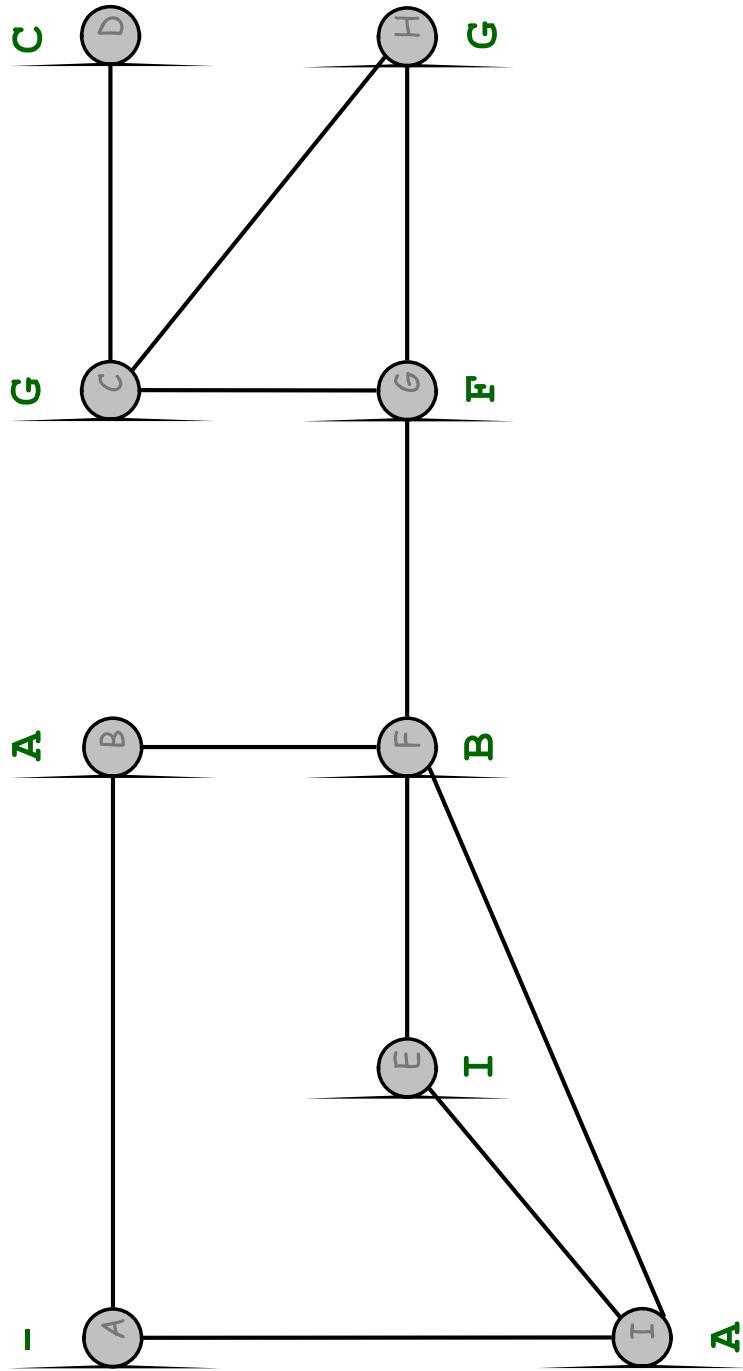
FIFO Queue

A B I F E G C H D

Breadth First Search



Breadth First Search



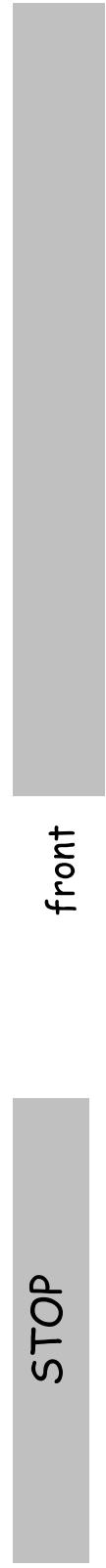
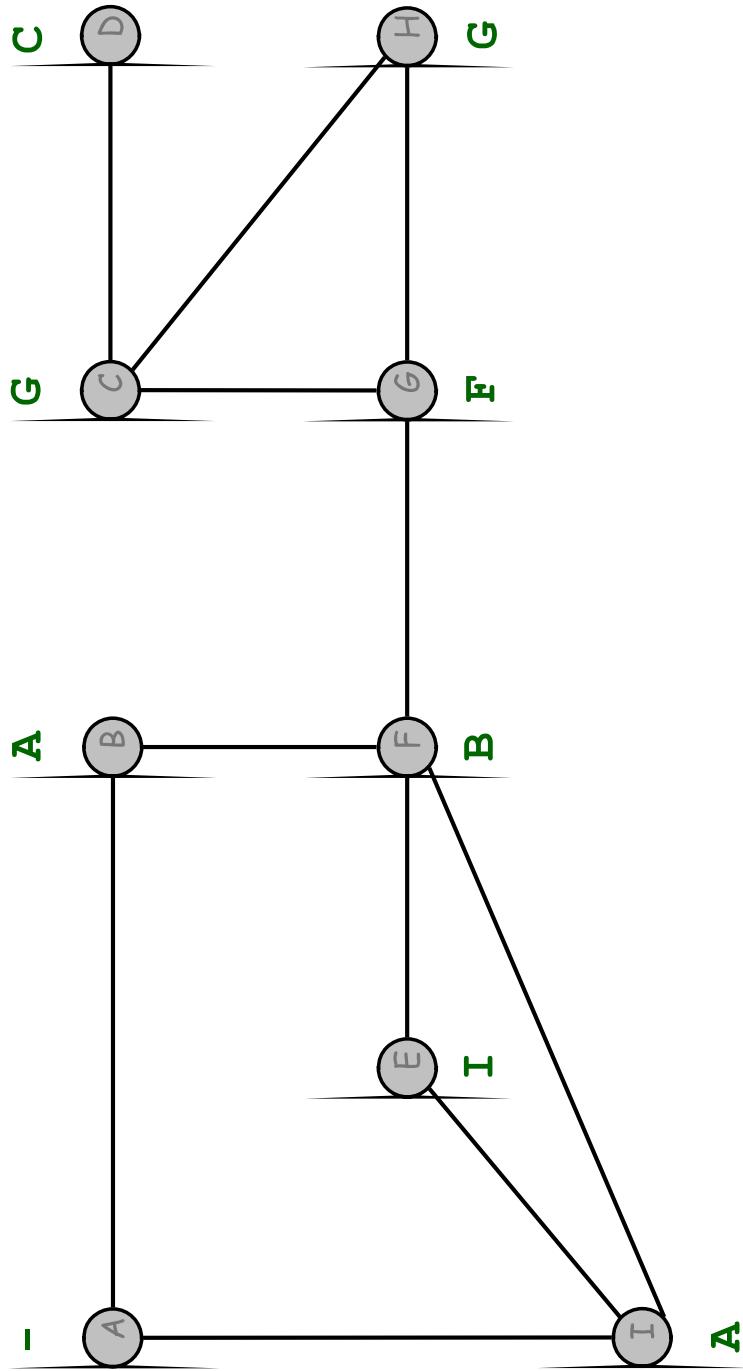
enqueue next vertex

front

FIFO Queue

A B I F E G C H D

Breadth First Search



FIFO Queue

A B I F E G C H D