

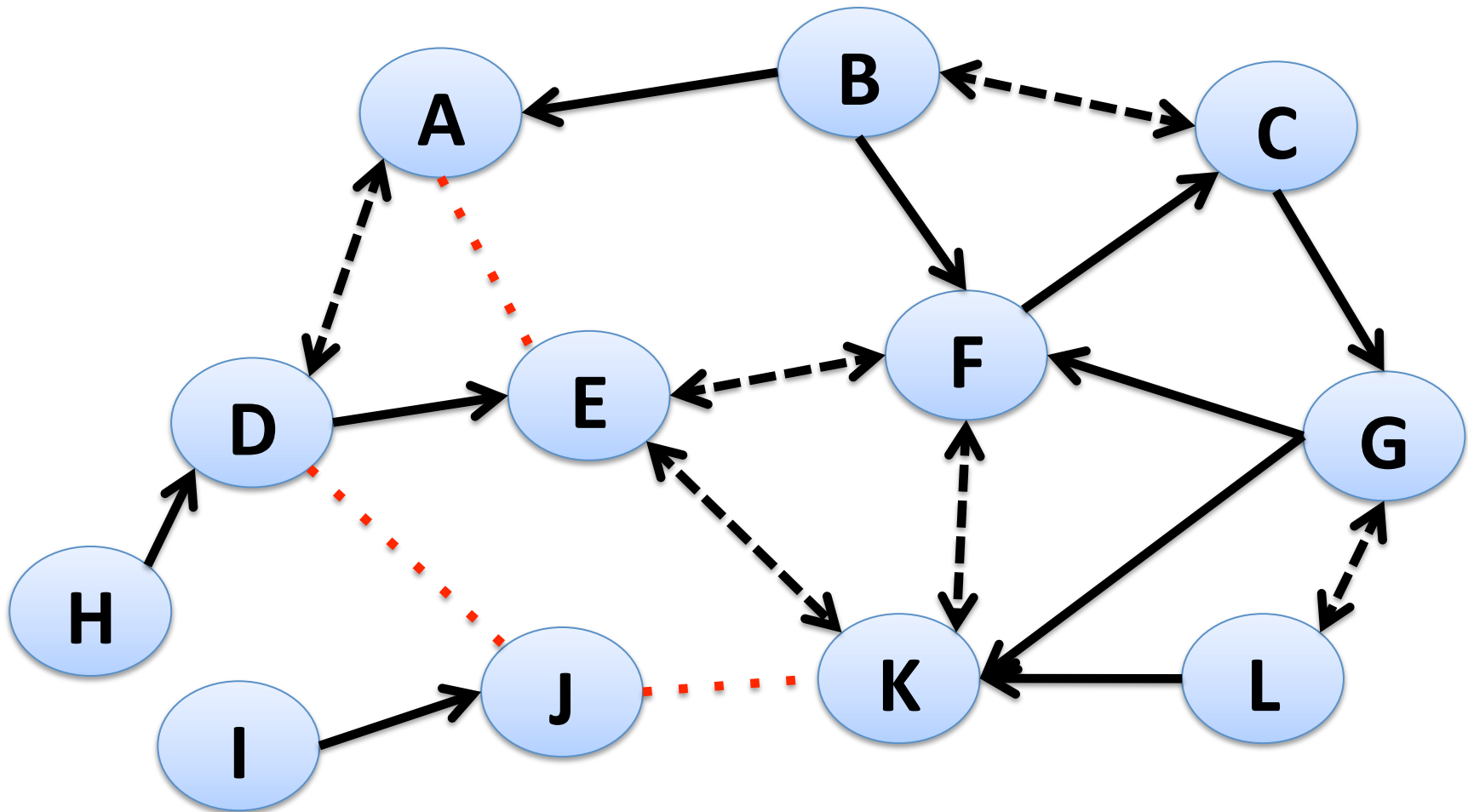
# BGP Routing examples

COS 461: Computer Networks

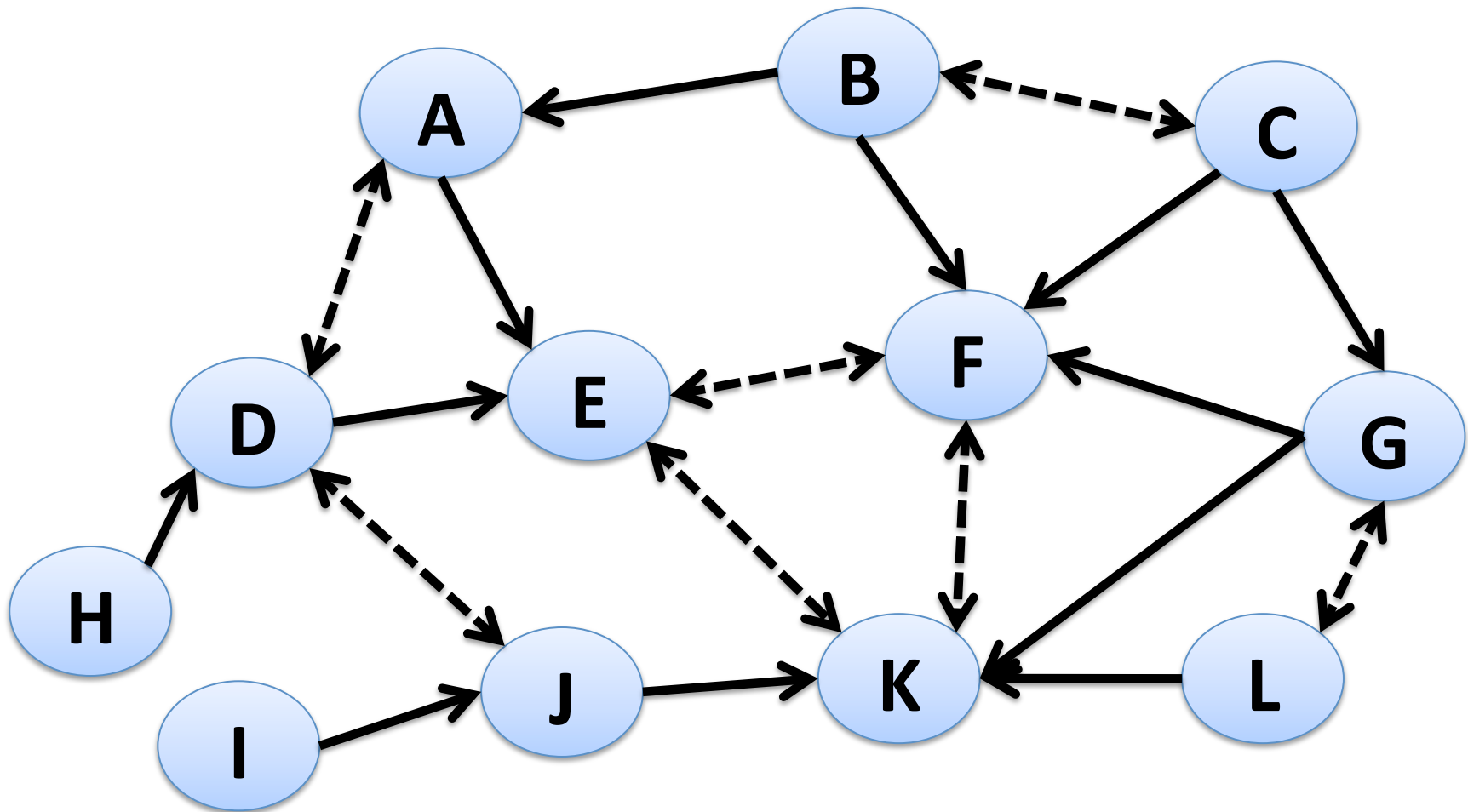
Precept on Apr 7, 2011

<http://www.cs.princeton.edu/courses/archive/spring11/cos461/>

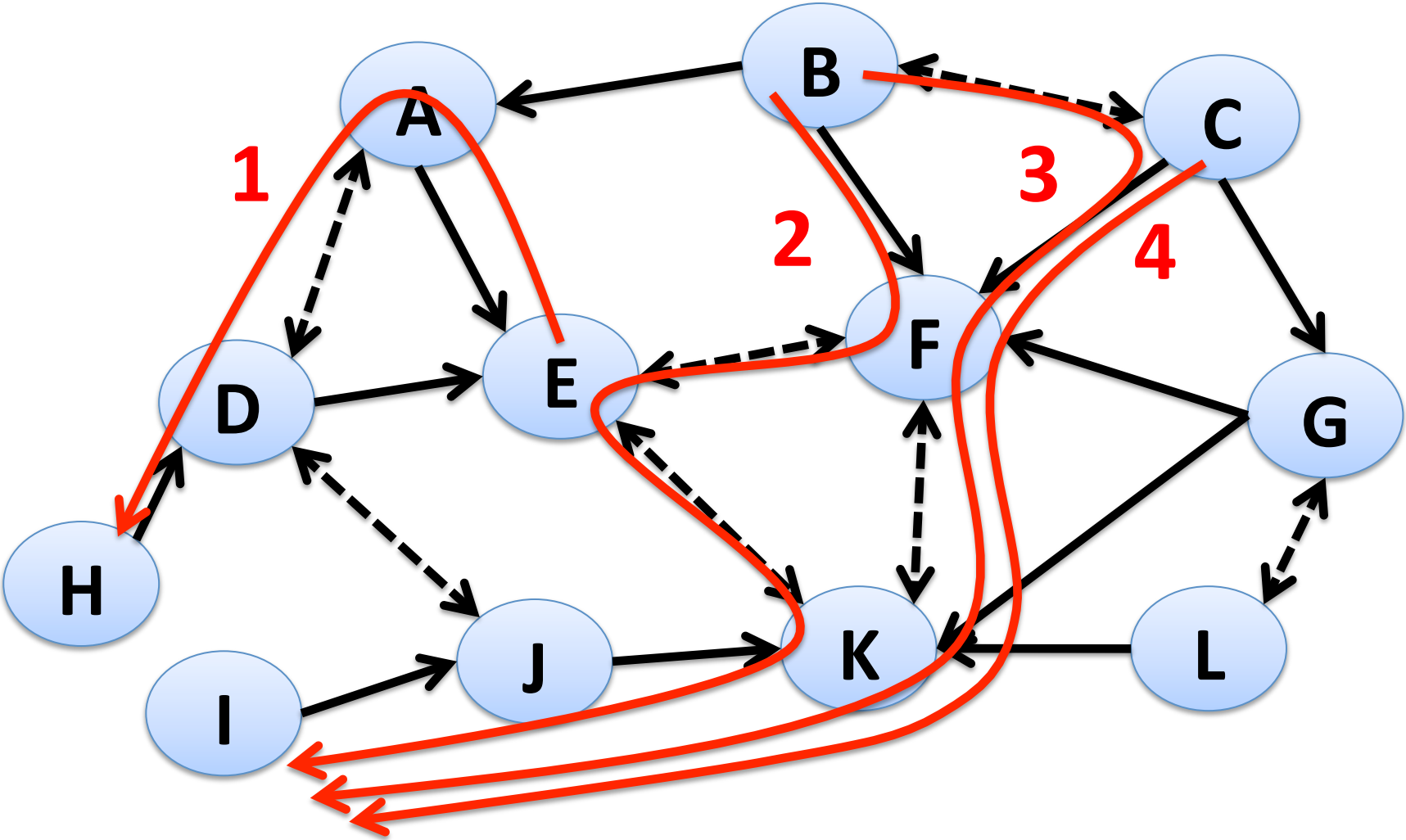
# Invalid BGP graph



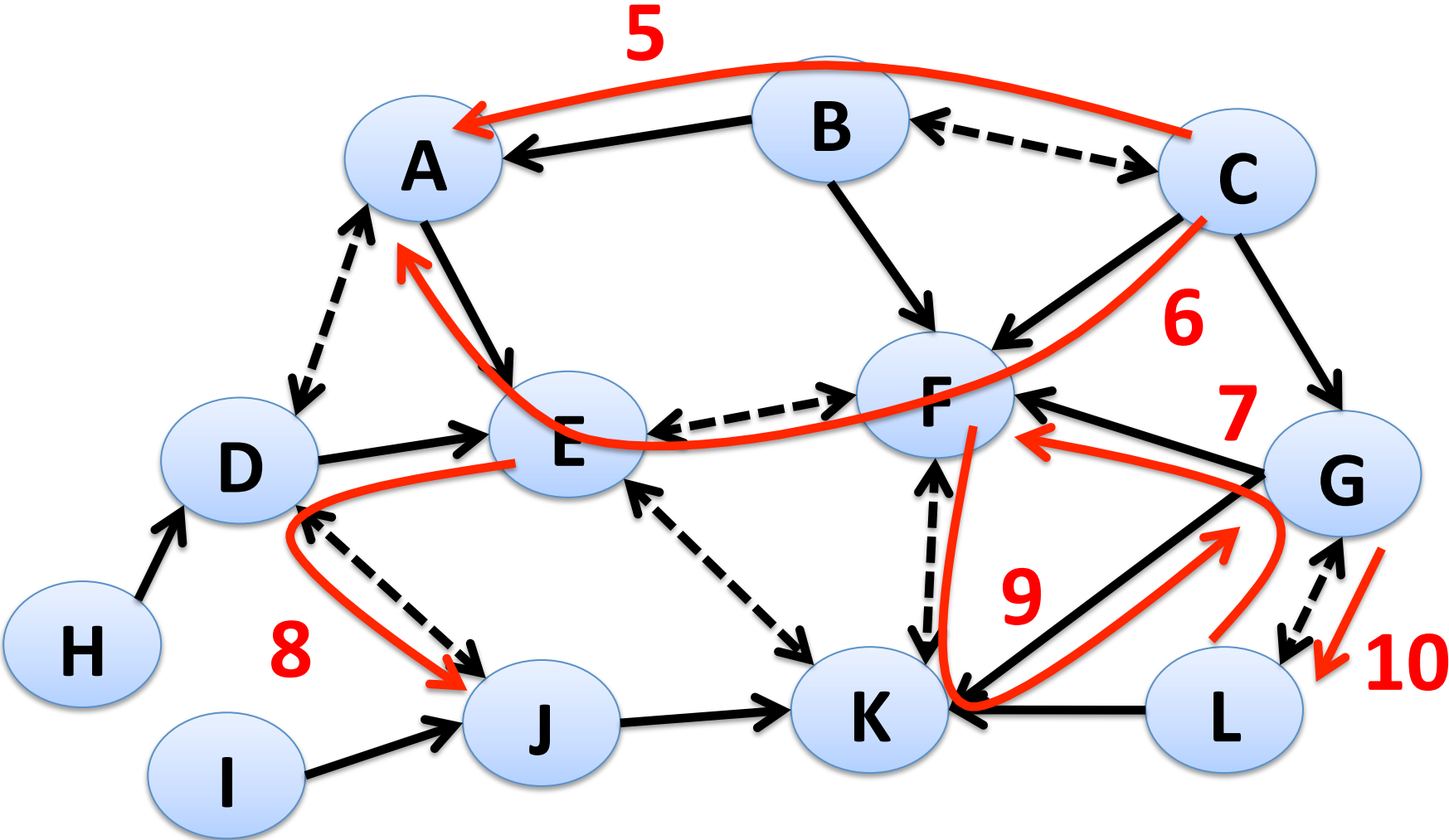
# Valid BGP graph



# Valid paths?

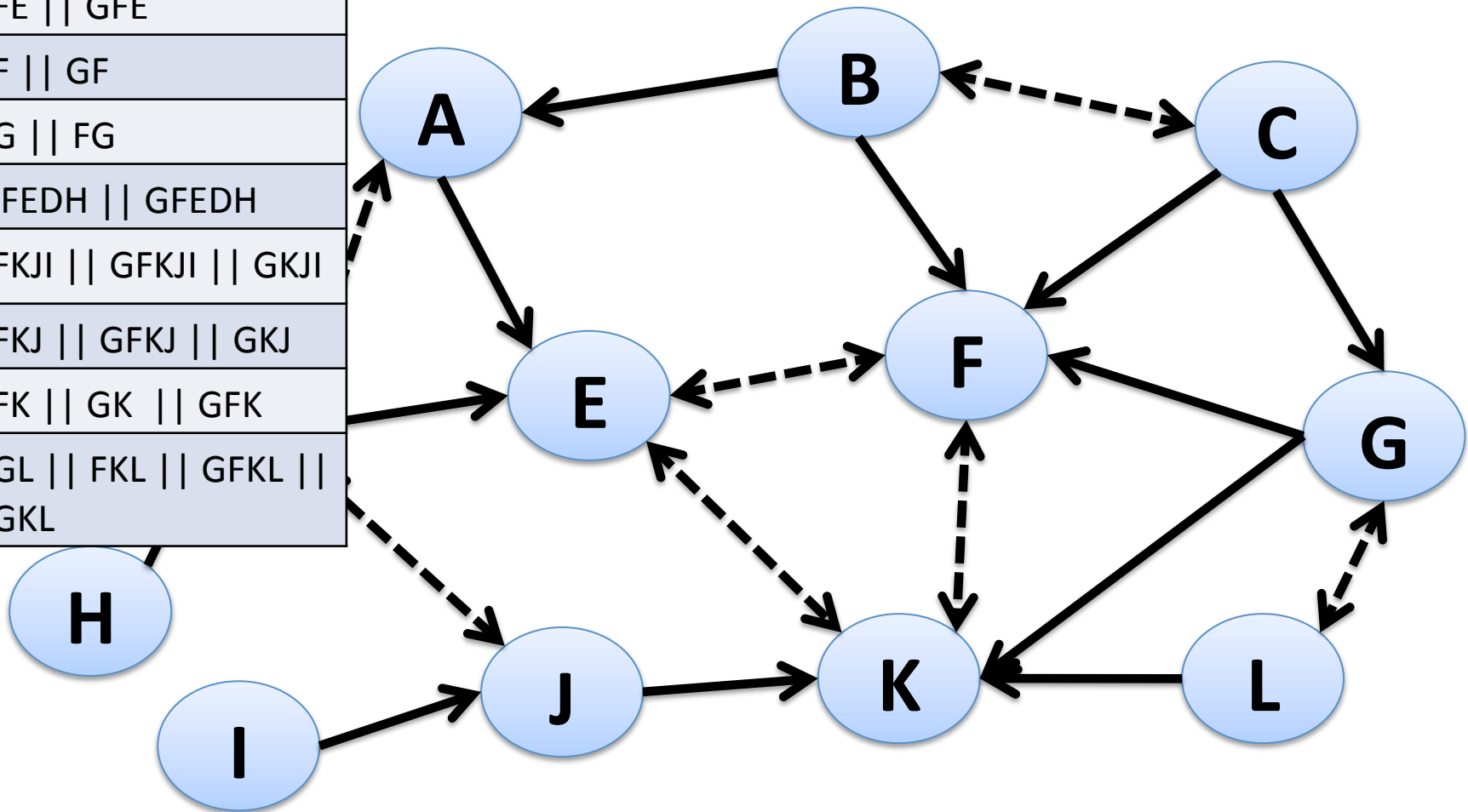


# Valid paths?



# Valid BGP graph

	C's path
A	FEA    GFEA
B	B >> FB
D	FED    GFED
E	FE    GFE
F	F    GF
G	G    FG
H	FEDH    GFEDH
I	FKJI    GFKJI    GKJI
J	FKJ    GFKJ    GKJ
K	FK    GK    GFK
L	GL    FKL    GFKL    GKL



# Valid BGP graph

	E's path
A	A
B	AB    FB
C	FC    FGC
D	D
F	F
G	FG    KG
H	DH
I	KJI
J	KJ
K	K
L	KL

