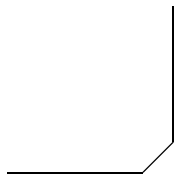


## Fázisba sorolási segédlet

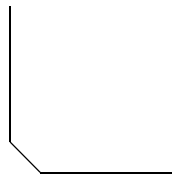
Ez a segédlet azzal a céllal készült, hogy lehetőséget nyújtson a jelzőlámpás csomópontok fázisba sorolásának gyakorlására. Az gyűjtemény 32 db négyágú csomópont vázlatát tartalmazza a torkolatok sávjainak, ill. a lehetséges továbbhaladási irányainak jelölésével. Minden torkolatban annyi sáv található, ahány betűjelzés (kettő vagy három); ahol pedig egy betű mellett több nyíl is szerepel, ott az adott sávból több irányba is tovább lehet haladni. A csomópontok ágain minden irányban annyi sáv halad ki, amennyi az oda érkező irányok számára szükséges.

A gyűjteményben jelenleg található csomópontok mind háromfázisúak, viszont vannak köztük olyanok, amelyeket kétféleképpen is fázisba lehet sorolni. Valamennyi megoldás maszkolt jelzőlámpákra vonatkozik, kiegészítő jelző alkalmazása nélkül. A helyes fázisba sorolás(ok) a vázlatok mellett, jobb oldalon található, fehér betűszínnel (a szöveg kijelölésével és másolásával válnak olvashatóvá).

Budapest, 2018. december



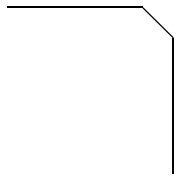
A B  
↙ ↘ ↓



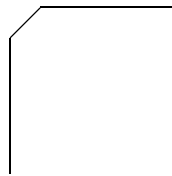
↖ C  
← D  
← E  
↙

I ↗

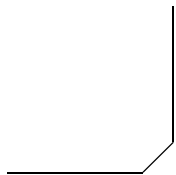
H →



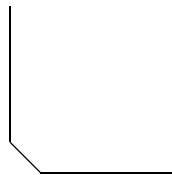
↑ ↑  
G F



Helyes fázisba sorolási lehetőségek:



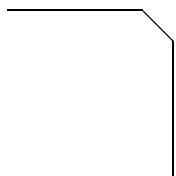
A B  
↓ ↓



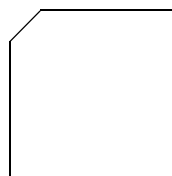
↖ C  
← D  
← E

I ↗  
I →

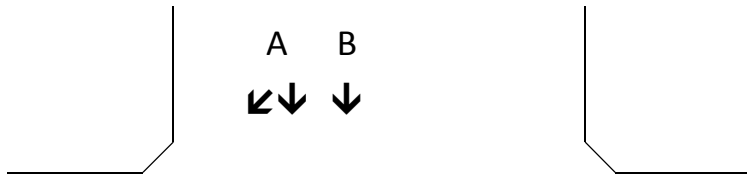
H →



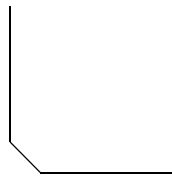
↑ ↗  
G F



Helyes fázisba sorolási lehetőségek:

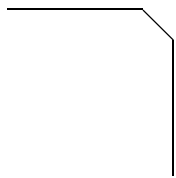


A B  
 ↙ ↘ ↓

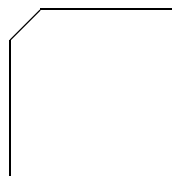


↖ ↗ C  
 ← ↘ D

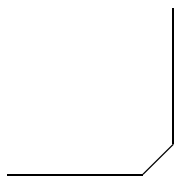
I ↗  
 H →  
 G ↘



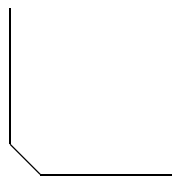
↑ ↑  
 F E



Helyes fázisba sorolási lehetőségek:

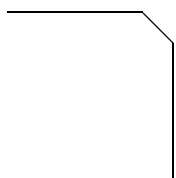


A B  
 ↙ ↘ ↓

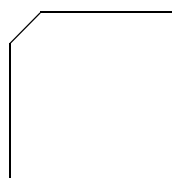


↖ ↗ C  
 ← ↘ D

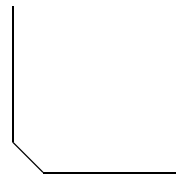
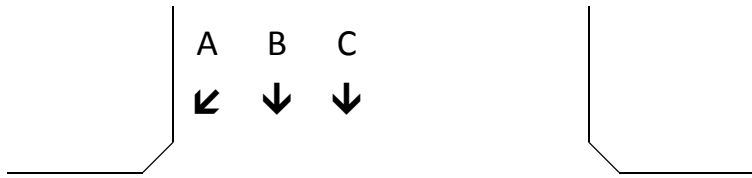
I ↗  
 H →  
 G ↘



↑ ↑  
 F E



Helyes fázisba sorolási lehetőségek:

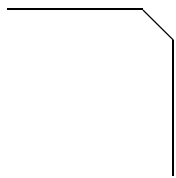


↖ D

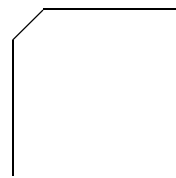
← E

I →

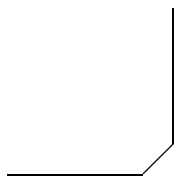
H ↘



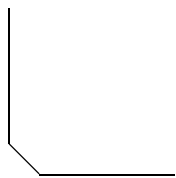
↖ ↗  
G F



Helyes fázisba sorolási lehetőségek:



A B  
↙ ↘ ↓



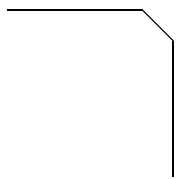
← C

← D

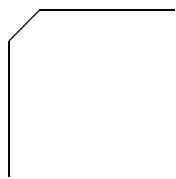
I ↗  
I →

H →

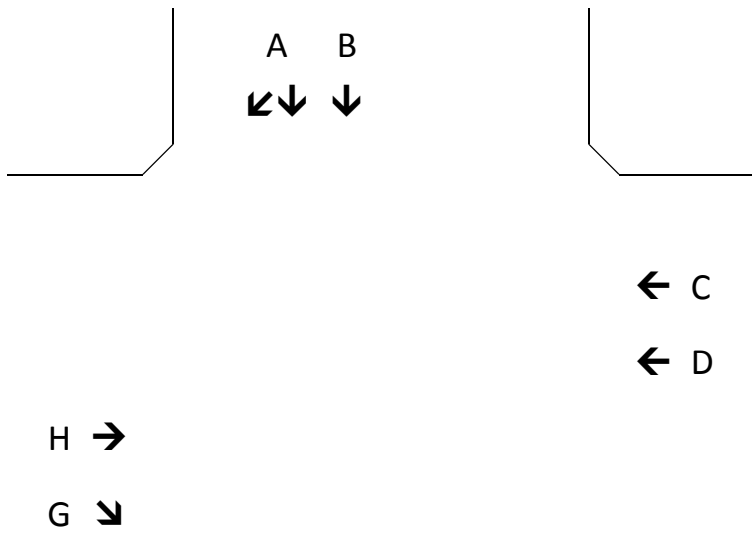
G ↘



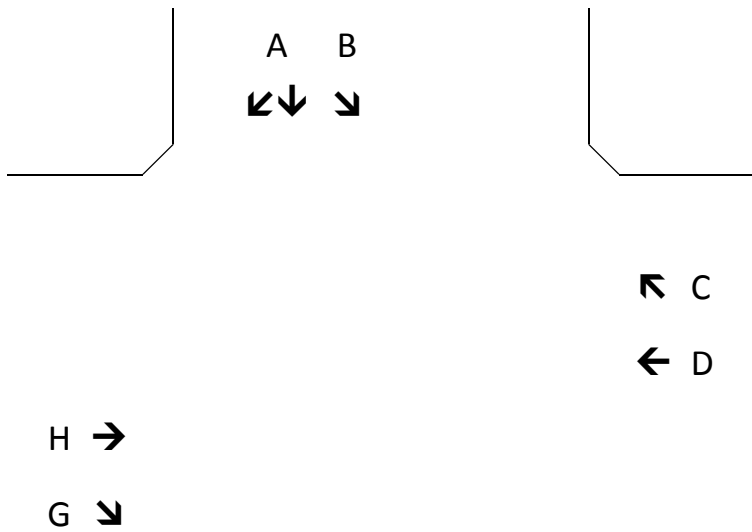
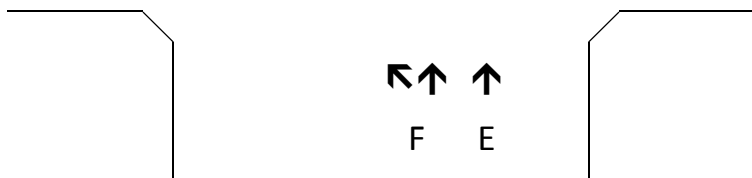
↑ ↗  
F E



Helyes fázisba sorolási lehetőségek:

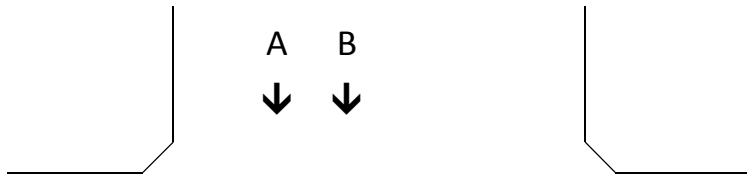


Helyes fázisba sorolási lehetőségek:

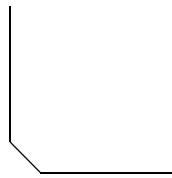


Helyes fázisba sorolási lehetőségek:





A B  
↓ ↓

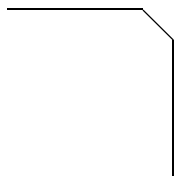


↗ C  
←  
← D

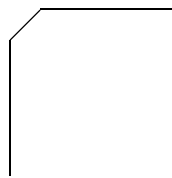
I ↗

H →

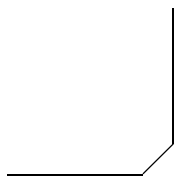
G ↘



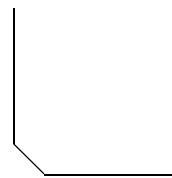
↑ ↗  
F E



Helyes fázisba sorolási lehetőségek:



A B  
↙ ↓

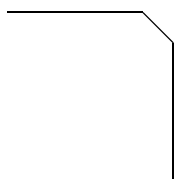


↗ C  
←  
↙ D

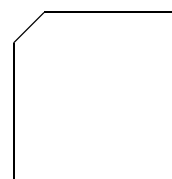
I ↗

H →

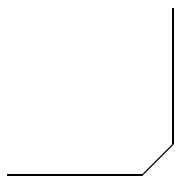
G ↘



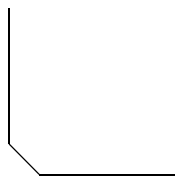
↑ ↗  
F E



Helyes fázisba sorolási lehetőségek:



A ↓  
B ↘



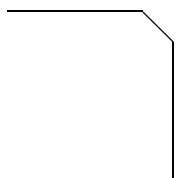
↖ C

← D

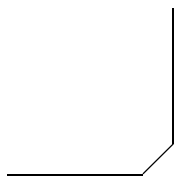
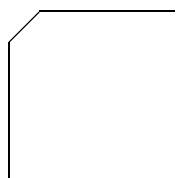
H →

G →

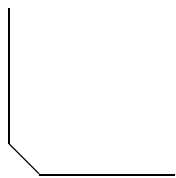
Helyes fázisba sorolási lehetőségek:



↖ F   ↗ E



A ↓  
B ↓



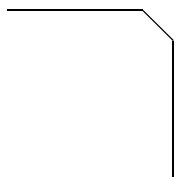
↖ C

← D

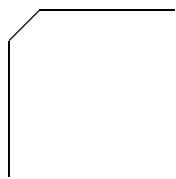
I →

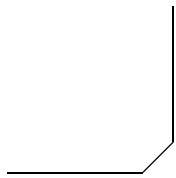
H ↘

Helyes fázisba sorolási lehetőségek:

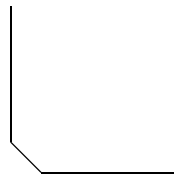


↖ G   ↗ F   ↘ E





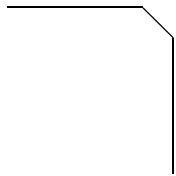
A B  
↙ ↓



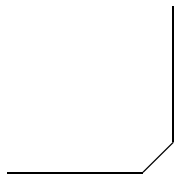
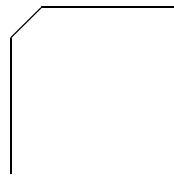
↖ C  
← D  
← E  
↙

I ↗  
H ↗  
↙

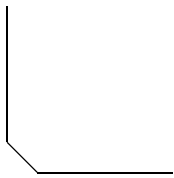
Helyes fázisba sorolási lehetőségek:



↑ ↗  
G F



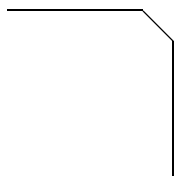
A B  
↙ ↓



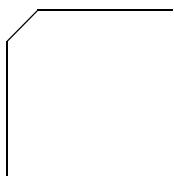
↖ C  
← D  
↙ E

I ↗  
I →  
H →

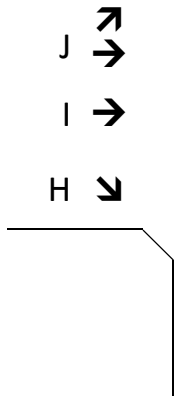
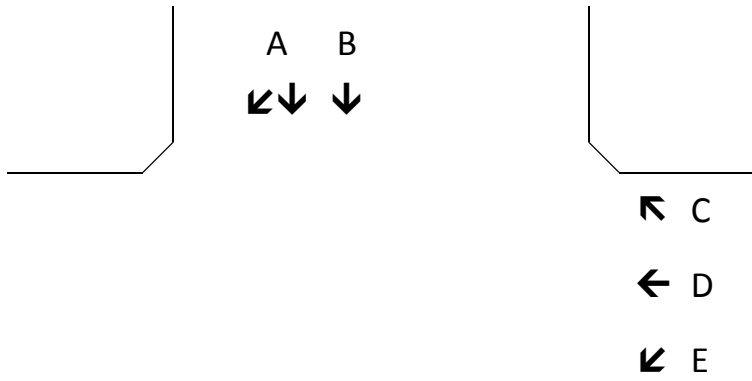
Helyes fázisba sorolási lehetőségek:



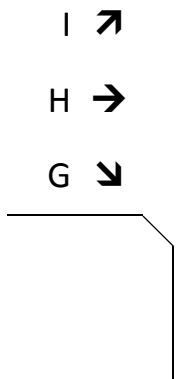
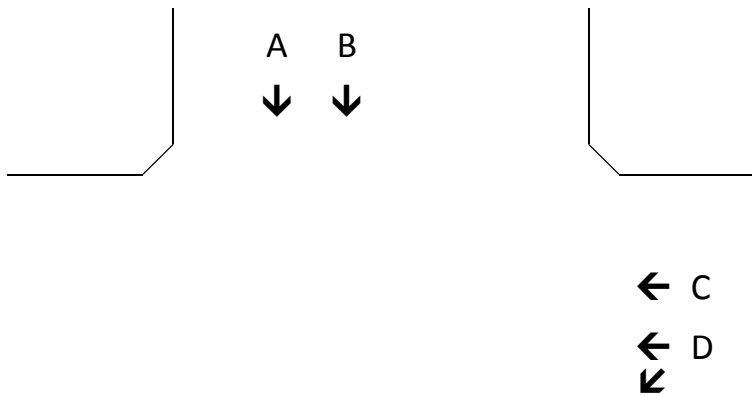
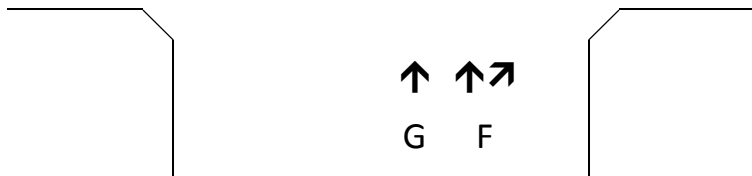
↑ ↑  
G F



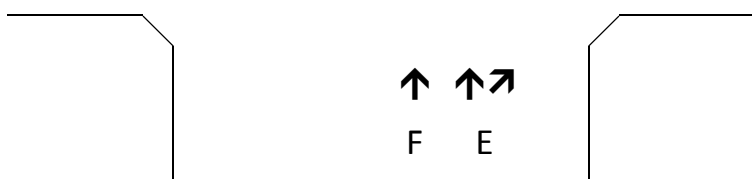


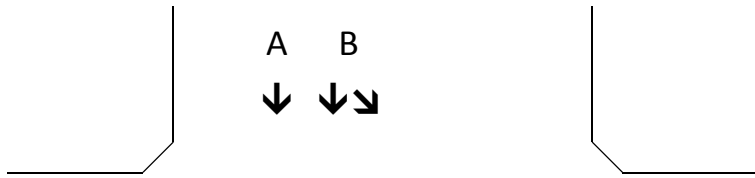


Helyes fázisba sorolási lehetőségek:



Helyes fázisba sorolási lehetőségek:





A ↓  
B ↓↓

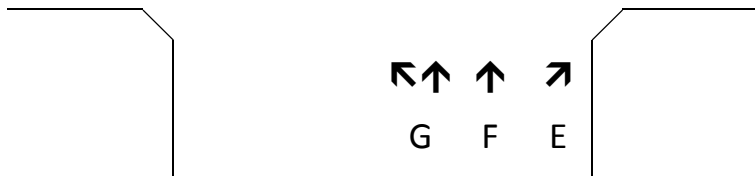
↖ C

← D

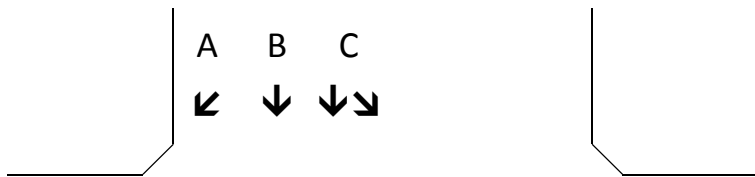
I →

H ↘

Helyes fázisba sorolási lehetőségek:



↖↑ ↑ ↗  
G F E



A ↙ ↓ ↓↓

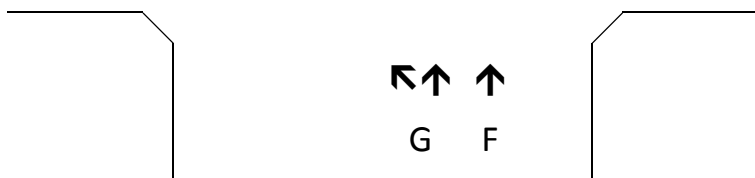
↖ D

← E

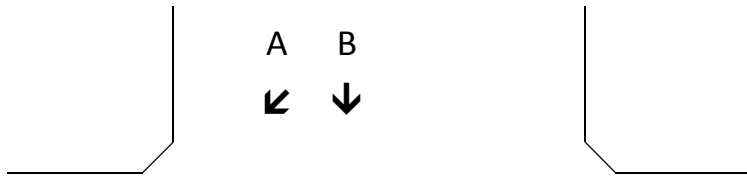
I →

H ↘

Helyes fázisba sorolási lehetőségek:



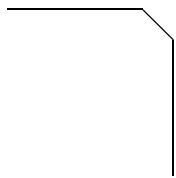
↖↑ ↑  
G F



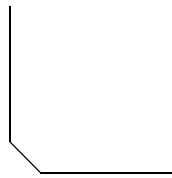
I ↗

H →

G ↘

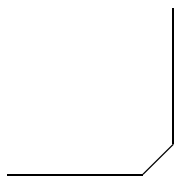


↑ ↑  
F E

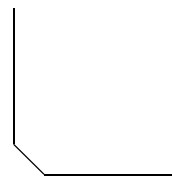


← C  
← D  
↙

Helyes fázisba sorolási lehetőségek:



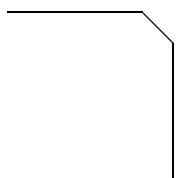
A B  
↙ ↘ ↓



↖ C  
← C  
← D

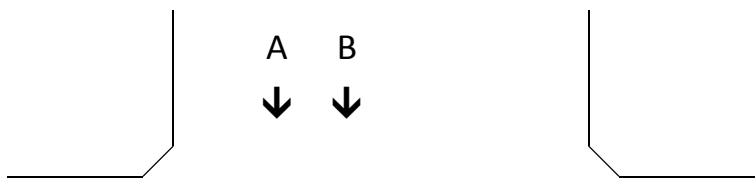
H →

G ↘



↖ ↗ ↗  
F E

Helyes fázisba sorolási lehetőségek:

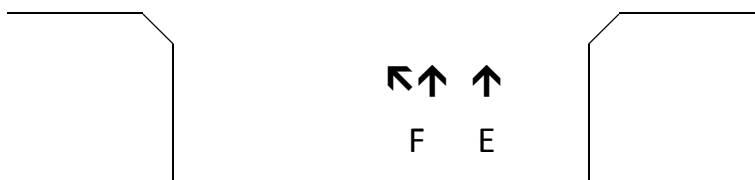


A ↓   B ↓

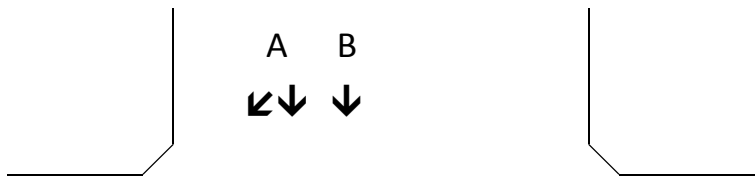
← C  
← D

H →  
G ↘

Helyes fázisba sorolási lehetőségek:



↖ ↑   ↑  
F   E

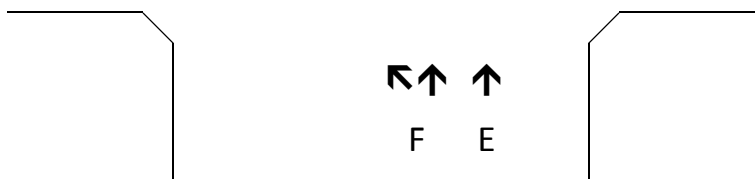


A ↓   B ↓  
↙ ↓

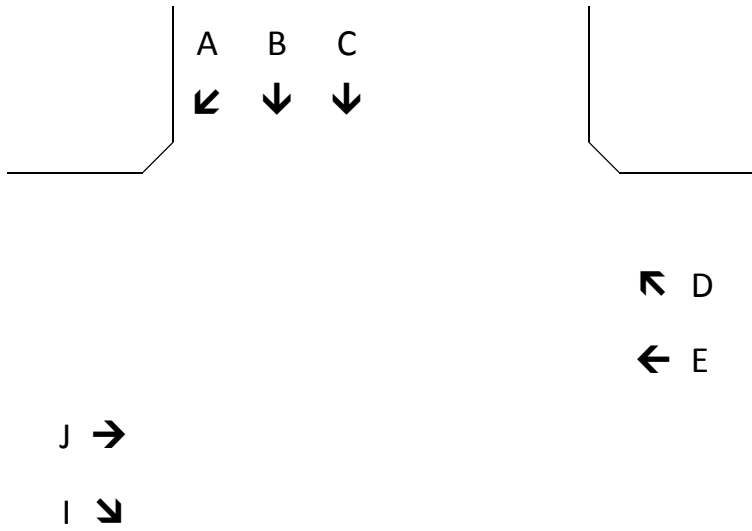
↖ C  
← D

H →  
G ↘

Helyes fázisba sorolási lehetőségek:

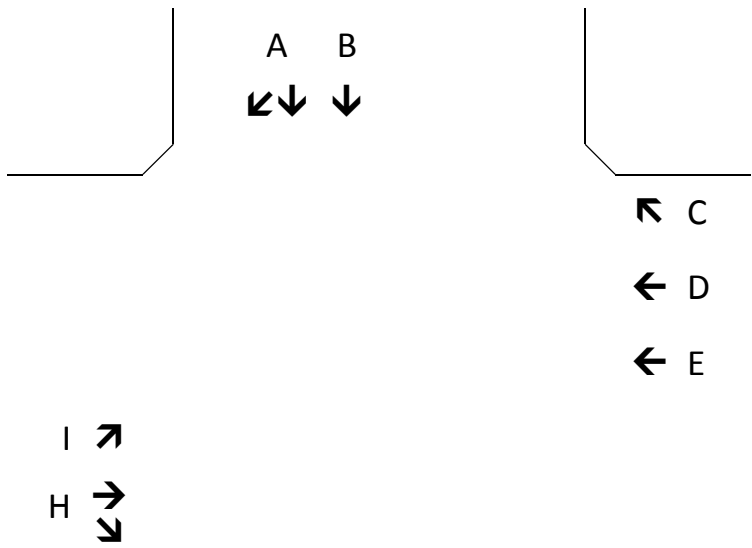
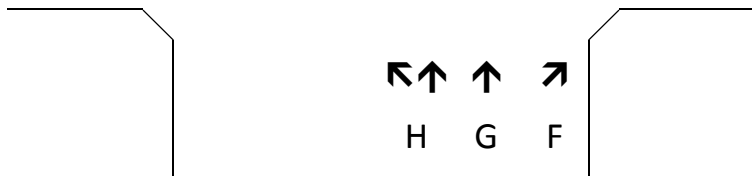


↖ ↑   ↑  
F   E



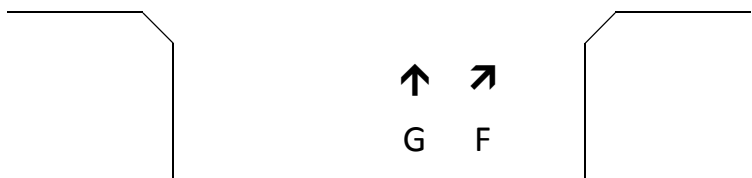
↖ D  
 ← E

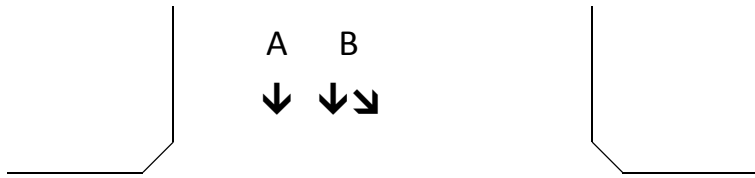
Helyes fázisba sorolási lehetőségek:



↖ C  
 ← D  
 ← E

Helyes fázisba sorolási lehetőségek:



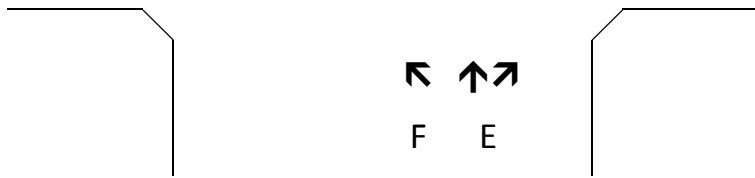


A B  
 ↓ ↓↓

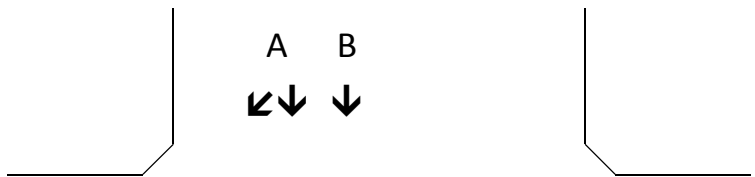
↖ C  
 ← D

H →  
 G →↓

Helyes fázisba sorolási lehetőségek:



↖ ↑↗  
 F E



A B  
 ↙↓ ↓

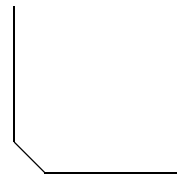
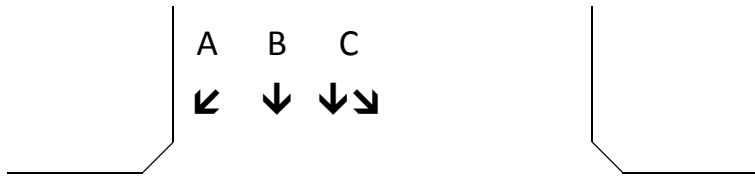
← C  
 ← D

I →  
 H ↘

Helyes fázisba sorolási lehetőségek:



↖ ↑ ↗  
 G F E

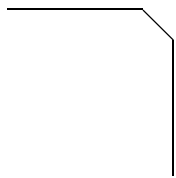


↖ D

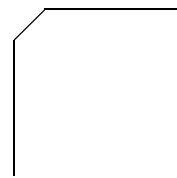
← E

I →

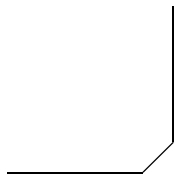
H →



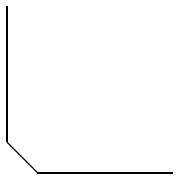
↖ G   ↗ F



Helyes fázisba sorolási lehetőségek:



A ↓   B ↓



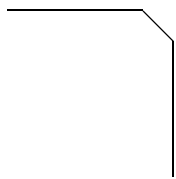
↗ C

← D

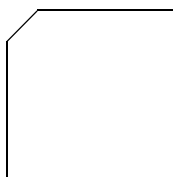
I ↗

H →

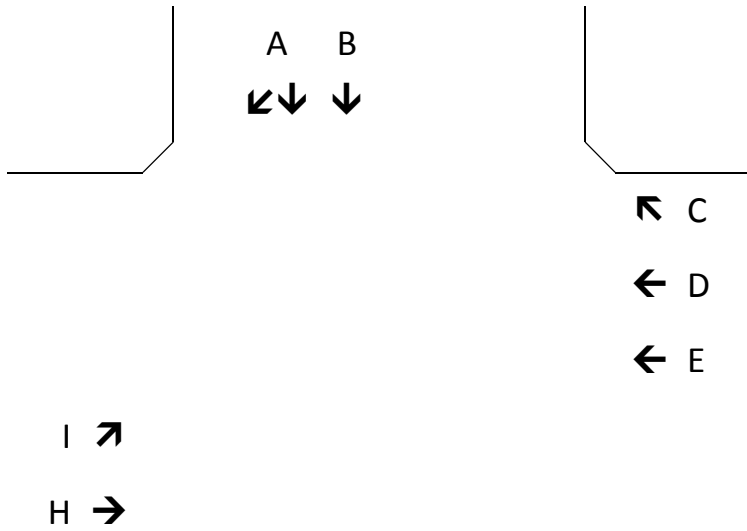
G ↘



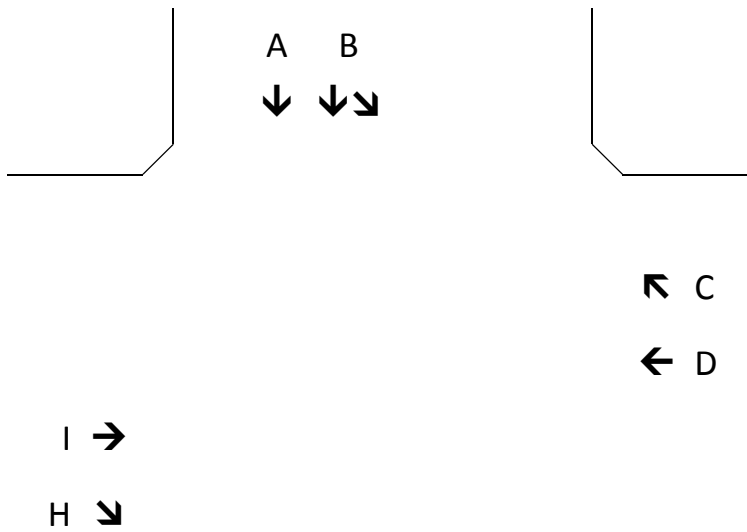
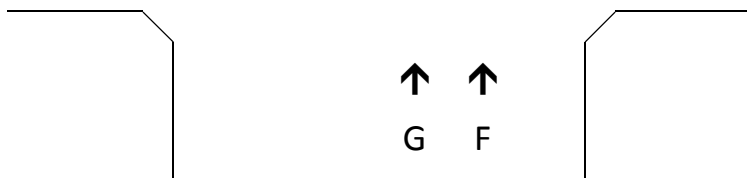
↑ F   ↑ E



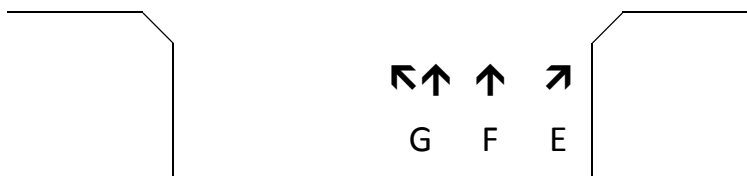
Helyes fázisba sorolási lehetőségek:



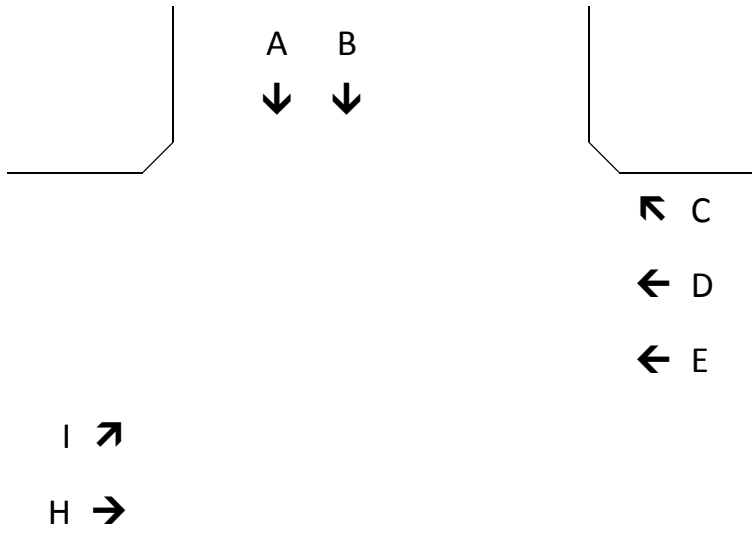
Helyes fázisba sorolási lehetőségek:



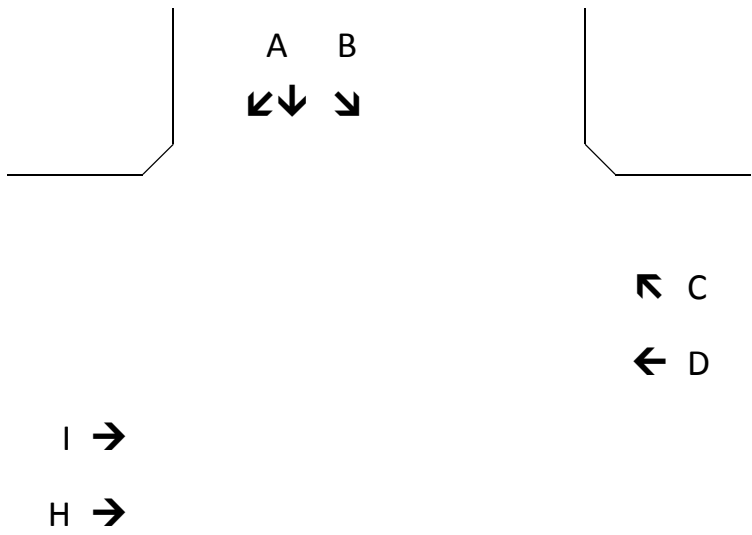
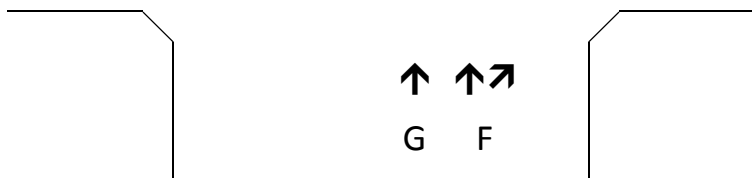
Helyes fázisba sorolási lehetőségek:







Helyes fázisba sorolási lehetőségek:



Helyes fázisba sorolási lehetőségek:

