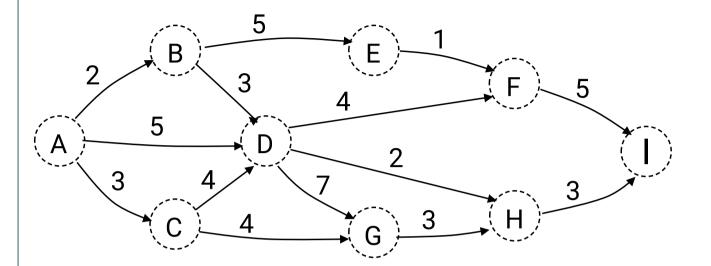
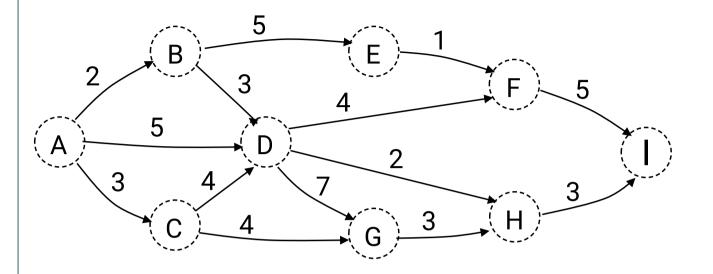
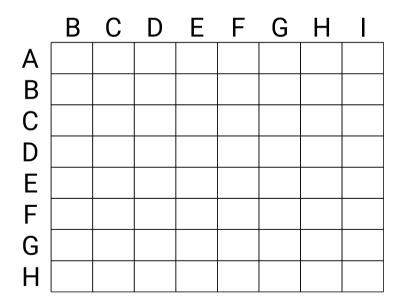
Chemin optimal DEMOUCRON

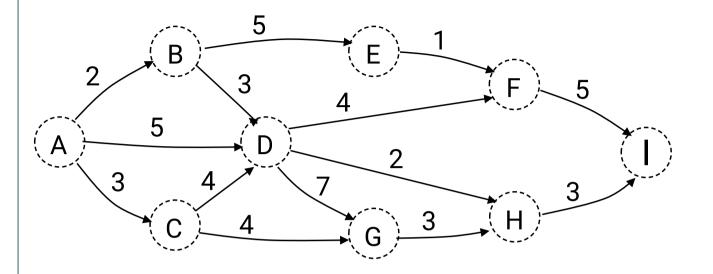


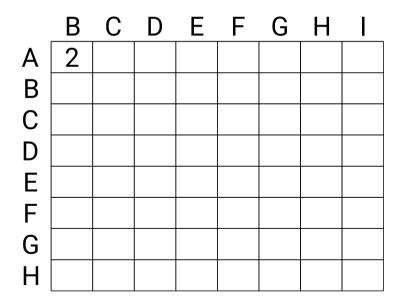
version 2.0



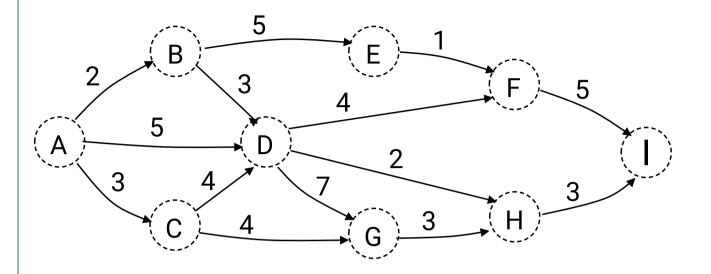


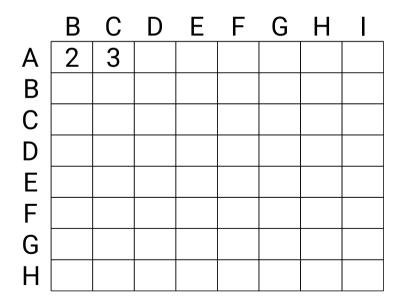
Chemin optimal DEMOUCRON



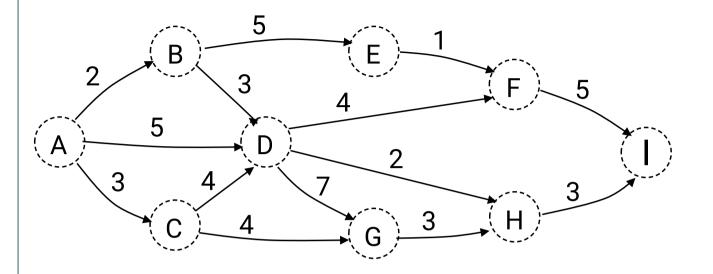


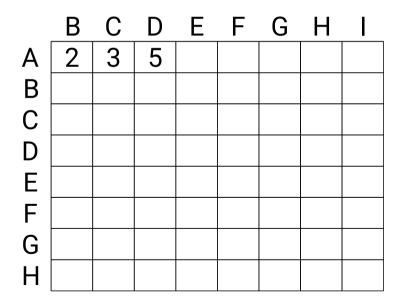
Chemin optimal DEMOUCRON



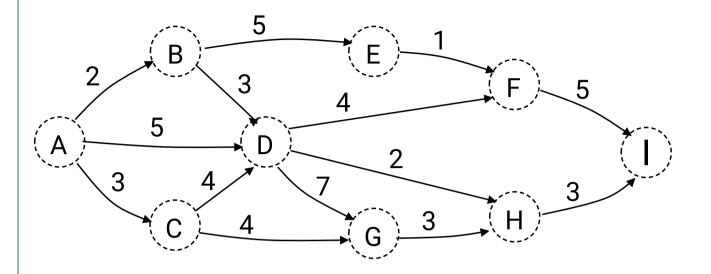


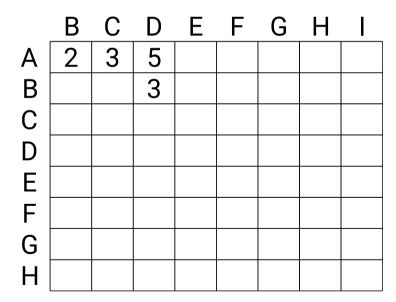
Chemin optimal DEMOUCRON



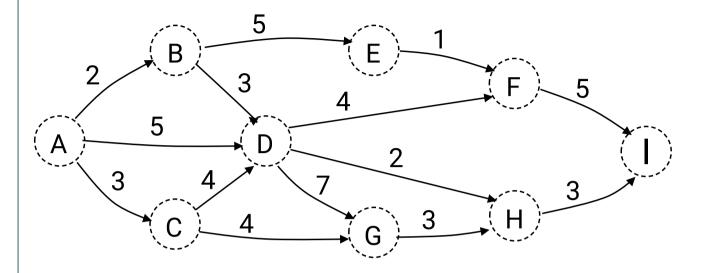


Chemin optimal DEMOUCRON



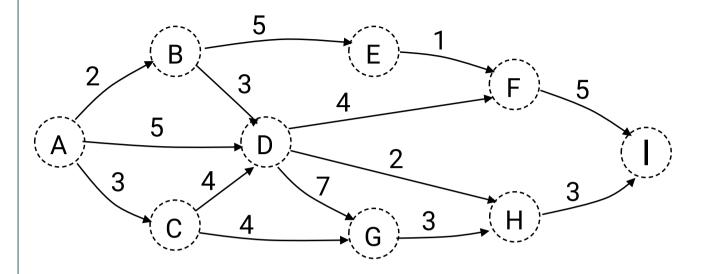


Chemin optimal DEMOUCRON



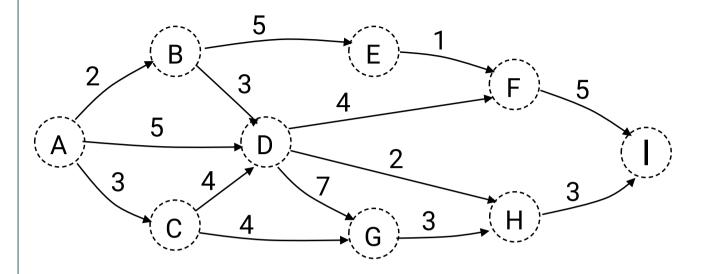
	В	C	D	Ε	F	G	Н	
Α	2	3	5					
В			3	5				
C								
D								
Ε								
F G								
G								
Н								

Chemin optimal DEMOUCRON



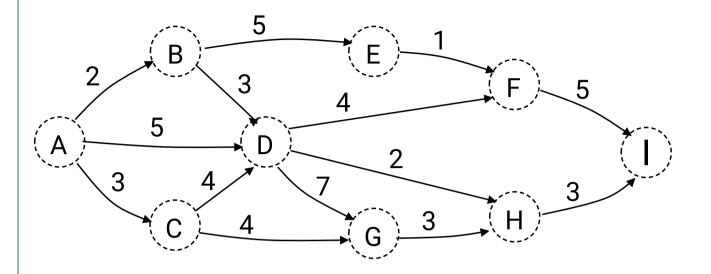
	В	C	D	Ε	F	G	Н	
Α	2	3	5					
В			3	5				
C			4					
D								
Ε								
F								
G								
Н								

Chemin optimal DEMOUCRON



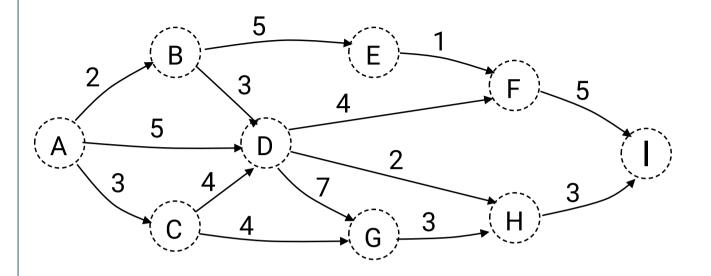
	В	C	D	Ε	F	G	Н	
Α	2	3	5					
В			3	5				
С			4			4		
D								
Ε								
F								
G								
Н								

Chemin optimal DEMOUCRON



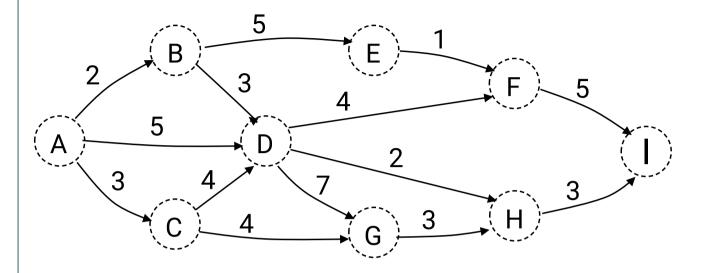
	В	C	D	Ε	F	G	Н	
Α	2	3	5					
В			3	5				
С			4			4		
D					4			
Ε								
F								
G								
Н								

Chemin optimal DEMOUCRON



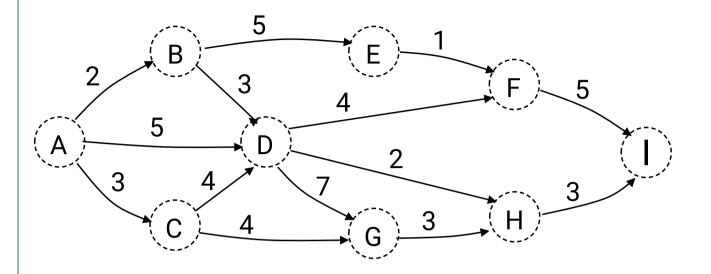
	В	C	D	Ε	F	G	Н	
Α	2	3	5					
В			3	5				
С			4			4		
D					4	7		
Ε								
F								
G								
Н								

Chemin optimal DEMOUCRON



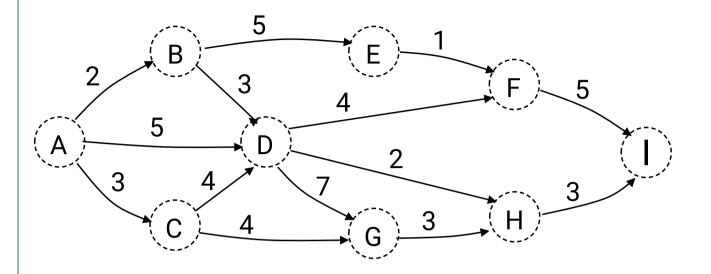
	В	C	D	Ε	F	G	Н	
Α	2	3	5					
В			3	5				
С			4			4		
D					4	7	2	
Ε								
F								
G								
Н								

Chemin optimal DEMOUCRON



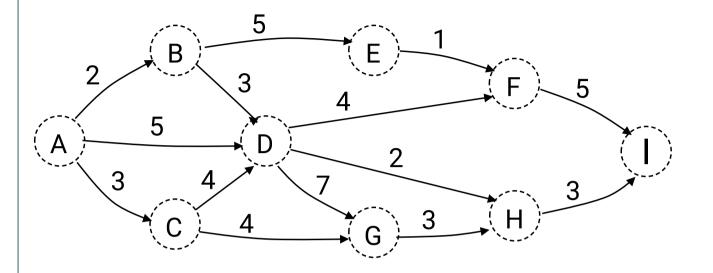
	В	C	D	Ε	F	G	Н	
Α	2	3	5					
В			3	5				
С			4			4		
D					4	7	2	
Ε					1			
F								
G								
Н								

Chemin optimal DEMOUCRON



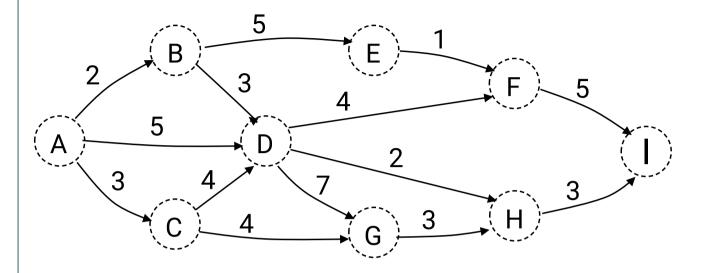
	В	C	D	Ε	F	G	Н	
Α	2	3	5					
В			3	5				
B C D			4			4		
D					4	7	2	
E F G					1			
F								5
G								
Н								

Chemin optimal DEMOUCRON



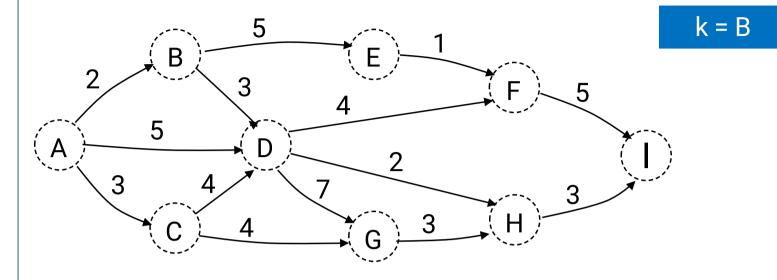
	В	C	D	Ε	F	G	Н	
Α	2	3	5					
В			3	5				
С			4			4		
D					4	7	2	
E					1			
F G								5
G							3	
Н								

Chemin optimal DEMOUCRON



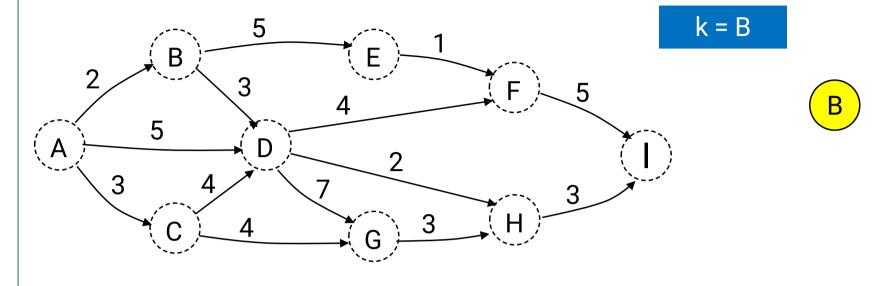
	В	C	D	Ε	F	G	Н	
Α	2	3	5					
В			3	5				
C			4			4		
D					4	7	2	
B C D E F G					1			
F								5
G							3	
Н								က

Chemin optimal DEMOUCRON



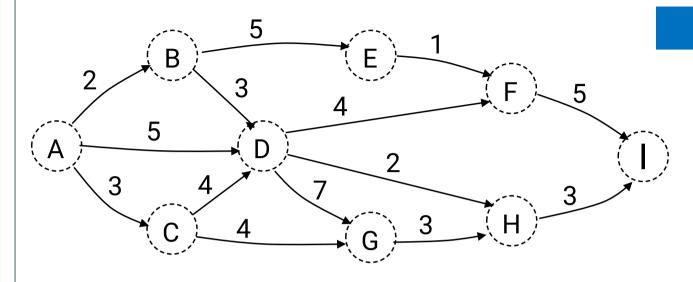
	В	C	D	Ε	F	G	Н	
Α	2	3	5					
В			3	5				
C			4			4		
D					4	7	2	
B C D E F G					1			
F								5
G							3	
Н								3

Chemin optimal DEMOUCRON

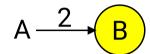


	В	C	D	Ε	F	G	Н	
Α	2	3	5					
В			3	5				
С			4			4		
D					4	7	2	
Ε					1			
F G								5
G							က	
Η								3

Chemin optimal DEMOUCRON

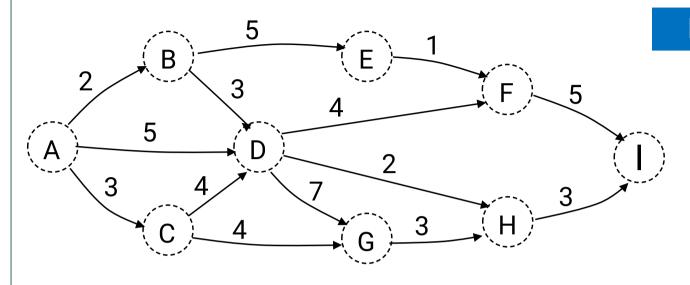


k = B

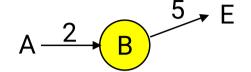


	В	C	D	Ε	F	G	Н	
Α	2	3	5					
В			3	5				
C			4			4		
D					4	7	2	
Ε					1			
F								5
G							3	
Н								3

Chemin optimal DEMOUCRON

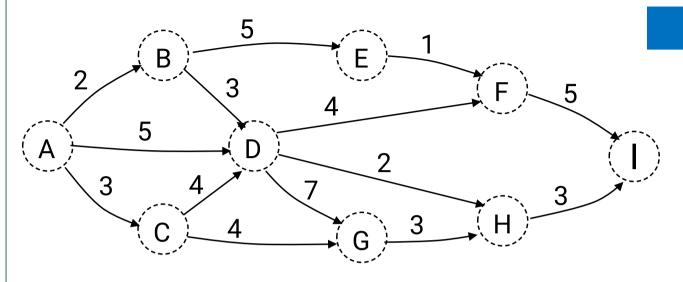


k = B

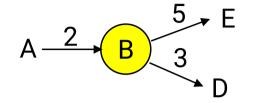


	В	C	D	Ε	F	G	Н	
Α	2	3	5					
B C			3	5				
			4			4		
D					4	7	2	
Ε					1			
F G								5
G							3	
Н								3

Chemin optimal DEMOUCRON

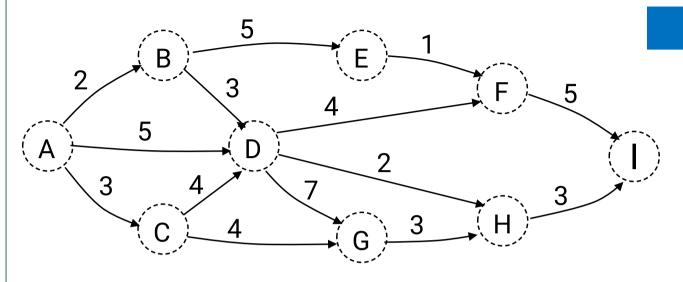


k = B

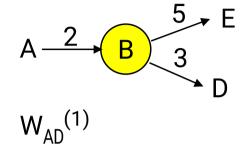


	В	C	D	Ε	F	G	Н	
Α	2	3	5					
В			3	5				
C			4			4		
D					4	7	2	
Ε					1			
F G								5
G							3	
Н								3

Chemin optimal DEMOUCRON

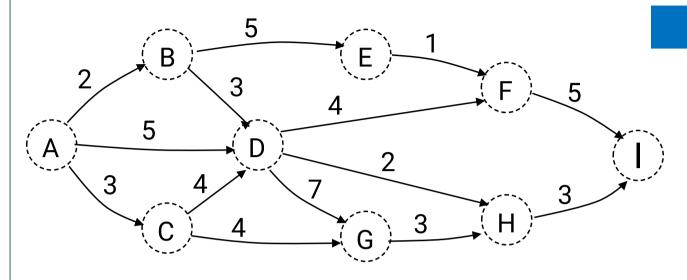


k = B

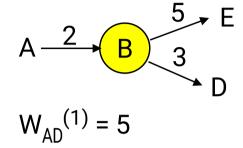


	В	C	D	Ε	F	G	Н	
Α	2	3	5					
B C			3	5				
C			4			4		
D					4	7	2	
Ε					1			
F G								5
G							3	
Н								3

Chemin optimal DEMOUCRON

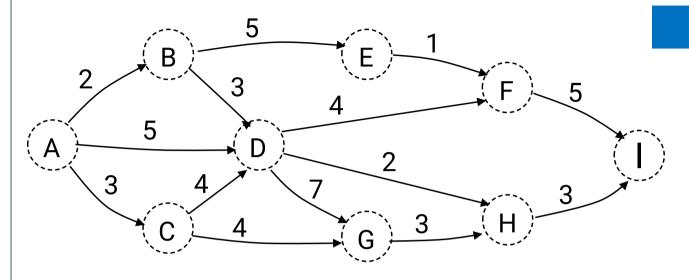


k = B

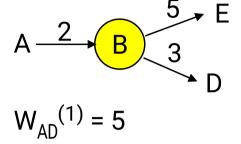


	В	С	D	Ε	F	G	Н	
Α	2	3	5					
В			3	5				
B C			4			4		
D					4	7	2	
Ε					1			
F								5
G							3	
Н								3

Chemin optimal DEMOUCRON



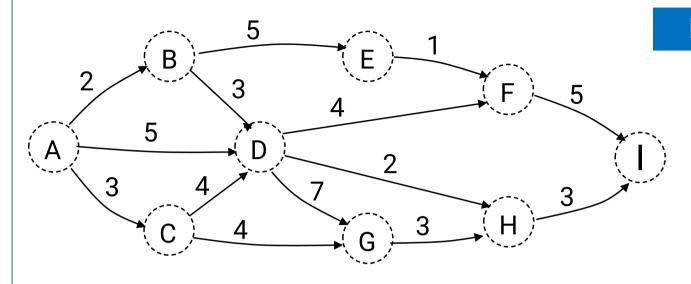
k = B



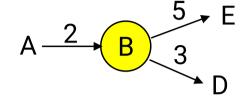
$$W_{AB}^{(1)}$$

	В	С	D	Ε	F	G	Н	
Α	2	3	5					
В			3	5				
B C			4			4		
D					4	7	2	
Ε					1			
F								5
G							3	
Н								3

Chemin optimal DEMOUCRON



k = B

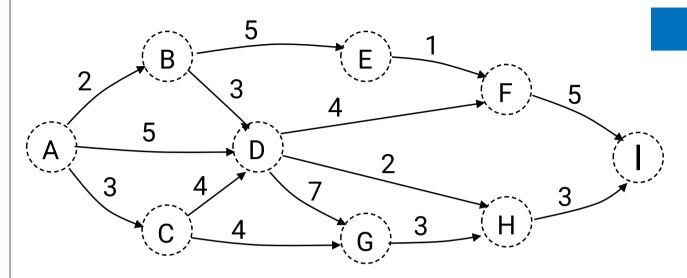


$$W_{AD}^{(1)} = 5$$

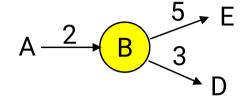
$$W_{AE}^{(1)} = 7$$

	В	C	D	Ε	F	G	Н	
Α	2	3	5					
B C			3	5				
C			4			4		
D					4	7	2	
Ε					1			
F								5
G							3	
Н								3

Chemin optimal DEMOUCRON



k = B



$$W_{AD}^{(1)} = 5$$

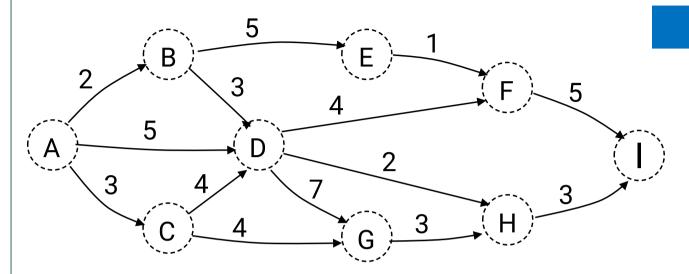
$$W_{AE}^{(1)} = 7$$

	В	C	D	Ε	F	G	Н	
Α	2	3	5					
В			3	5				
C			4			4		
D					4	7	2	
Ε					1			
F								5
G							က	
Н								ന

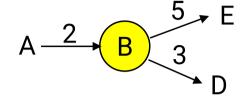
	В	С	D	Ε	F	G	Н	1
Α								
В								
С								
D								
Ε								
F								
G								
Н								

Matrice D₁

Chemin optimal DEMOUCRON



k = B



$$W_{AD}^{(1)} = 5$$

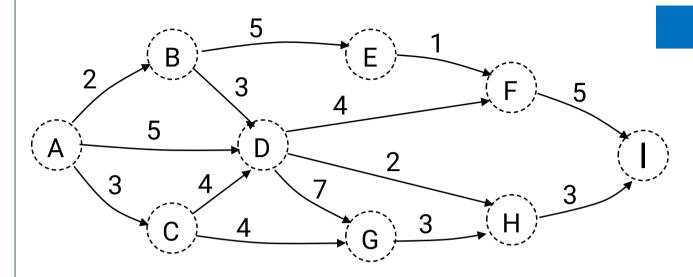
$$W_{AE}^{(1)} = 7$$

	В	C	D	Ε	F	G	Н	
Α	2	3	5					
В			3	5				
C			4			4		
D					4	7	2	
Ε					1			
F								5
G							က	
Н								ന

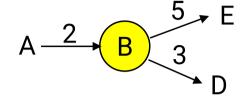
	В	С	D	Ε	F	G	Н	
Α			5					
В								
С								
D								
Ε								
F								
G								
Н								

Matrice D₁

Chemin optimal DEMOUCRON



k = B



$$W_{AD}^{(1)} = 5$$

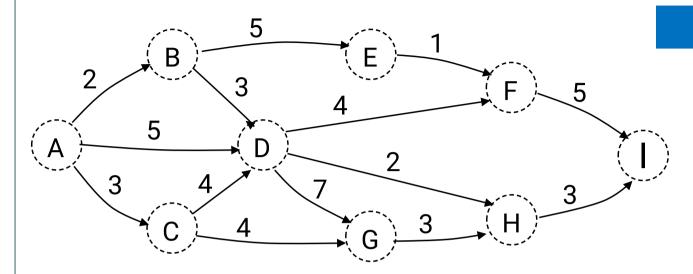
$$W_{AE}^{(1)} = 7$$

	В	C	D	Ε	F	G	Н	
Α	2	3	5					
В			3	5				
C			4			4		
D					4	7	2	
Ε					1			
F								5
G							က	
Н								ന

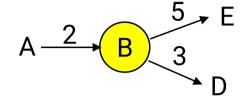
	В	С	D	Ε	F	G	Н	
Α			5	7				
В								
С								
D								
Ε								
F								
G								
Н								

Matrice D₁

Chemin optimal DEMOUCRON



k = B



$$W_{AD}^{(1)} = 5$$

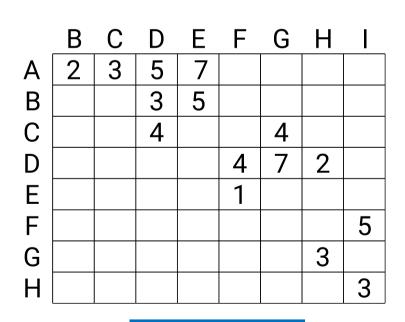
$$W_{AE}^{(1)} = 7$$

	В	C	D	Ε	F	G	Н	
Α	2	3	5					
В			3	5				
C			4			4		
D					4	7	2	
Ε					1			
F								5
G							က	
Н								3

	В	C	D	Ε	F	G	Н	
Α	2	3	5	7				
B C			3	5				
С			4			4		
D					4	7	2	
E F					1			
F								5
G							3	
Н								3

Matrice D₁

k = C



k = C

C

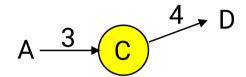
	В	С	D	Ε	F	G	Н	I
Α	2	3	5	7				
B C			3	5				
С			4			4		
D					4	7	2	
D E F G					1			
F								5
G							3	
Н								3

k = C

$$A \xrightarrow{3} C$$

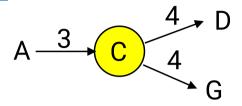
	В	С	D	Ε	F	G	Н	1
Α	2	ფ	5	7				
В			3	5				
B C			4			4		
D					4	7	2	
Ε					1			
D E F G								5
G							3	
Н								3

k = C



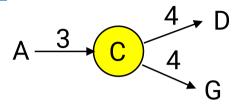
	В	С	D	Ε	F	G	Н	<u> </u>
Α	2	3	5	7				
В			3	5				
B C			4			4		
D					4	7	2	
Ε					1			
F								5
G							3	
Н								3

k = C



	В	С	D	Ε	F	G	Н	1
Α	2	3	5	7				
В			3	5				
B C			4			4		
D					4	7	2	
Ε					1			
F G								5
G							3	
Н								3

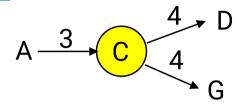
k = C



$$W_{AD}^{(2)} = 7$$

	В	С	D	Ε	F	G	Н	1
Α	2	3	5	7				
В			3	5				
B C			4			4		
D					4	7	2	
Ε					1			
F								5
G							3	
Η								3

k = C

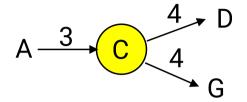


$$W_{AD}^{(2)} = 7$$

 $W_{AG}^{(2)} = 7$

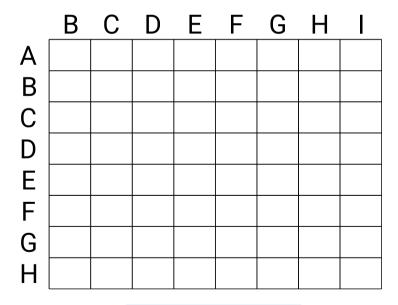
	В	С	D	Ε	F	G	Н	<u> </u>
Α	2	3	5	7				
B C			3	5				
С			4			4		
					4	7	2	
D E					1			
F G								5
G							3	
Н								3

k = C



$$W_{AD}^{(2)} = 7$$

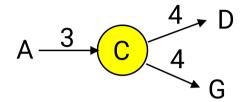
 $W_{AG}^{(2)} = 7$



	В	C	D	Ε	F	G	Н	
Α	2	ന	5	7				
В			3	5				
С			4			4		
D					4	7	2	
Ε					1			
F								5
G							3	
Н								3

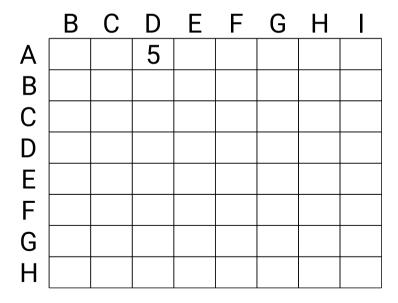
Matrice D₃

k = C



$$W_{AD}^{(2)} = 7$$

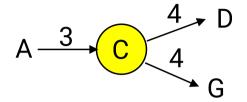
 $W_{AG}^{(2)} = 7$



	В	C	D	Ε	F	G	Н	
Α	2	3	5	7				
В			3	5				
С			4			4		
D					4	7	2	
Ε					1			
F								5
G							3	
Н								3

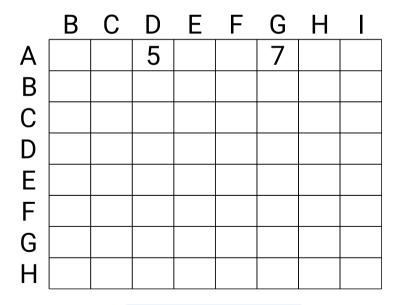
Matrice D₃

k = C



$$W_{AD}^{(2)} = 7$$

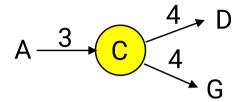
 $W_{AG}^{(2)} = 7$



	В	C	D	Ε	F	G	Н	
Α	2	ന	5	7				
В			3	5				
С			4			4		
D					4	7	2	
Ε					1			
F								5
G							3	
Н								3

Matrice D₃

k = C



$$W_{AD}^{(2)} = 7$$

 $W_{AG}^{(2)} = 7$

	В	С	D	Ε	F	G	Н	
Α	2	3	5	7		7		
B C			3	5				
C			4			4		
D					4	7	2	
Ε					1			
F								5
G							3	
Н								3

	В	C	D	Ε	F	G	Н	
Α	2	3	5	7				
В			3	5				
С			4			4		
D					4	7	2	
Ε					1			
F								5
G							3	
Н								3

Matrice D₃

k = D

	В	С	D	Ε	F	G	Н	
Α	2	3	5	7		7		
B C			3	5				
С			4			4		
D					4	7	2	
D E F G					1			
F								5
							3	
Н								3

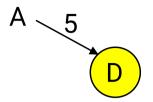
k = D



	В	C	D	Ε	F	G	Н	
Α	2	3	5	7		7		
A B			3	5				
C			4			4		
D					4	7	2	
E					1			
F G								5
G							3	
Н								3

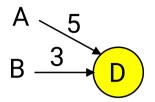
Chemin optimal DEMOUCRON

k = D



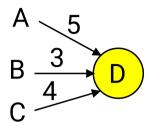
	В	C	D	Ε	F	G	Н	
Α	2	3	5	7		7		
B C			3	5				
С			4			4		
D E F G					4	7	2	
Ε					1			
F								5
							3	
Н								3

k = D



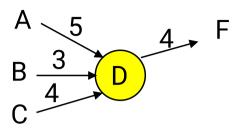
	В	C	D	Ε	F	G	Н	
Α	2	3	5	7		7		
B C			3	5				
С			4			4		
D					4	7	2	
D E F G					1			
F								5
G							3	
Н								3

k = D



	В	C	D	Ε	F	G	Н	
Α	2	3	5	7		7		
В			3	5				
C			4			4		
D					4	7	2	
E					1			
F G								5
G							3	
Η								3

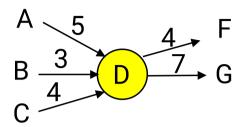
k = D



	В	C	D	Ε	F	G	Н	
Α	2	3	5	7		7		
В			3	5				
C			4			4		
D					4	7	2	
E					1			
F G								5
G							3	
Н								3

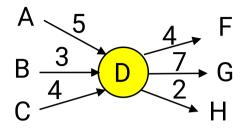
Chemin optimal DEMOUCRON

k = D



	В	C	D	Ε	F	G	Н	
Α	2	3	5	7		7		
A B			3	5				
C			4			4		
D					4	7	2	
E					1			
F G								5
G							3	
Н								3

k = D



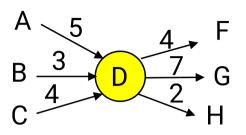
	В	C	D	Ε	F	G	Н	
Α	2	3	5	7		7		
A B			3	5				
C			4			4		
D					4	7	2	
E					1			
F G								5
G							3	
Н								3

 $W_{AF}^{(3)} = 9$

k = D

	В	C	D	Ε	F	G	Н	
Α	2	3	5	7		7		
B C			3	5				
С			4			4		
D					4	7	2	
D E F G					1			
F								5
G							3	
Н								3

k = D

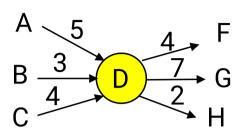


$$W_{AF}^{(3)} = 9$$

 $W_{AG}^{(3)} = 12$

	В	C	D	Ε	F	G	Н	Ī
Α	2	3	5	7		7		
B C			3	5				
			4			4		
D					4	7	2	
D E F G					1			
F								5
G							3	
Н								3

k = D

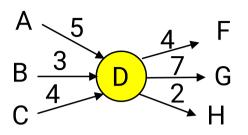


$$W_{AF}^{(3)} = 9$$

 $W_{AG}^{(3)} = 12$
 $W_{AH}^{(3)} = 7$

	В	C	D	Ε	F	G	Н	
Α	2	3	5	7		7		
B C			3	5				
C			4			4		
D E					4	7	2	
Ε					1			
F G								5
G							က	
Н								ന

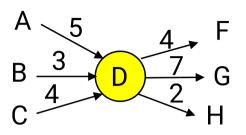
k = D



$$W_{AF}^{(3)} = 9$$
 $W_{AG}^{(3)} = 12$
 $W_{AH}^{(3)} = 7$
 $W_{BF}^{(3)} = 7$

	В	C	D	Ε	F	G	Н	Ī
Α	2	3	5	7		7		
B C			3	5				
			4			4		
D					4	7	2	
D E F G					1			
F								5
G							3	
Н								3

k = D



$$W_{AF}^{(3)} = 9$$

$$W_{AG}^{(3)} = 12$$

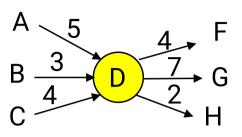
$$W_{AH}^{(3)} = 7$$

$$W_{BF}^{(3)} = 7$$

$$W_{BG}^{(3)} = 10$$

	В	С	D	Ε	F	G	Н	
Α	2	3	5	7		7		
B C			3	5				
C			4			4		
D					4	7	2	
E F G					1			
F								5
G							3	
Н								3

k = D



$$W_{AF}^{(3)} = 9$$

$$W_{AG}^{(3)} = 12$$

$$W_{AH}^{(3)} = 7$$

$$W_{BF}^{(3)} = 7$$

$$W_{BG}^{(3)} = 10$$

$$W_{BH}^{(3)} = 5$$

	В	С	D	Ε	F	G	Н	I
Α	2	3	5	7		7		
B C			3	5				
С			4			4		
D					4	7	2	
E					1			
F								5
G							3	
Н								3

k = D

$$M^{VE}(3) = 0$$

$$W_{AG}^{(3)} = 12$$

$$W_{AH}^{(3)} = 7$$

$$W_{BF}^{(3)} = 7$$

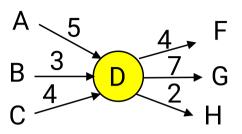
$$W_{BG}^{(3)} = 10$$

$$W_{BH}^{(3)} = 5$$

$$M^{CE}(3) = 8$$

	В	C	D	Ε	F	G	Н	
Α	2	3	5	7		7		
B C			3	5				
С			4			4		
D					4	7	2	
Ε					1			
F								5
G							3	
Н								3

k = D



	В	С	D	Ε	F	G	Н	I
Α	2	3	5	7		7		
В			3	5				
С			4			4		
D					4	7	2	
Ε					1			
F								5
G							3	
Н								3

$M^{VE}(3)$	= 9	
-------------	-----	--

$$W_{AG}^{(3)} = 12$$

$$W_{AH}^{(3)} = 7$$

$$W_{BF}^{(3)} = 7$$

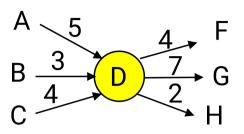
$$W_{BG}^{(3)} = 10$$

$$W_{BH}^{(3)} = 5$$

$$M^{CE}(3) = 8$$

$$W_{CG}^{(3)} = 11$$

k = D



	В	С	D	Ε	F	G	Н	
Α	2	3	5	7		7		
В			3	5				
С			4			4		
D					4	7	2	
Ε					1			
F								5
G							က	
Н								3

$M^{VE}(3) = 6$

$$W_{AG}^{(3)} = 12$$

$$W_{AH}^{(3)} = 7$$

$$W_{BF}^{(3)} = 7$$

$$W_{BG}^{(3)} = 10$$

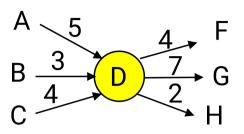
$$W_{BH}^{(3)} = 5$$

$$M^{CE}(3) = 8$$

$$W_{CG}^{(3)} = 11$$

$$W_{CH}^{(3)} = 6$$

k = D



$$M^{VE}(3) = 0$$

$$W_{AG}^{(3)} = 12$$

$$W_{AH}^{(3)} = 7$$

$$W_{BF}^{(3)} = 7$$

$$W_{BG}^{(3)} = 10$$

$$W_{BH}^{(3)} = 5$$

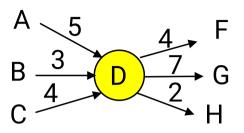
$$M^{CE}_{(3)} = 8$$

	В	C	D	Ε	F	G	Н	
Α	2	3	5	7		7		
В			3	5				
C			4			4		
D					4	7	2	
Ε					1			
F G								5
G							3	
Н								3

		• •						
	в١	N _{€G}	(3P=	1=1	F	G	Н	I
Α	\	N^{CH}	(3) =	6				
A B C		011						
С								
D								
Ε								
E F G								
G								
Н								

Matrice D₃

k = D



$$M^{VE}(3) = 0$$

$$W_{AG}^{(3)} = 12$$

$$W_{AH}^{(3)} = 7$$

$$W_{BF}^{(3)} = 7$$

$$W_{BG}^{(3)} = 10$$

$$W_{BH}^{(3)} = 5$$

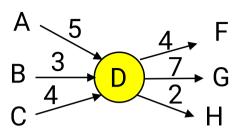
$$M^{CE}_{(3)} = 8$$

	В	C	D	Ε	F	G	Н	
Α	2	3	5	7		7		
B C			3	5				
			4			4		
D					4	7	2	
Ε					1			
F G								5
G							3	
Н								3

	В١	N _{СG}	$\sqrt{3}$ D=	121	F	G	Н	
Α	1	N^{CH}	(3) =	6	9			
В		OH						
С								
D								
Ε								
F								
G								
Н								

Matrice D₃

k = D



$$M^{VE}(3) = 0$$

$$W_{AG}^{(3)} = 12$$

$$W_{AH}^{(3)} = 7$$

$$W_{BF}^{(3)} = 7$$

$$W_{BG}^{(3)} = 10$$

$$W_{BH}^{(3)} = 5$$

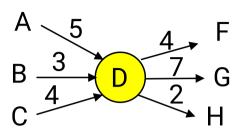
$$M^{CE}_{(3)} = 8$$

	В	C	D	Ε	F	G	Н	
Α	2	3	5	7		7		
В			3	5				
C			4			4		
D					4	7	2	
Ε					1			
F								5
G							3	
Н								3

	в١	N _{CG}	$(3)^{D}=$	121	F	G	Н	
Α	\	N^{CH}	(3) =	6	9	7		
В		011						
С								
D								
E								
F								
G								
Н								

Matrice D₃

k = D



$$M^{VE}(3) = 0$$

$$W_{AG}^{(3)} = 12$$

$$W_{AH}^{(3)} = 7$$

$$W_{BF}^{(3)} = 7$$

$$W_{BG}^{(3)} = 10$$

$$W_{BH}^{(3)} = 5$$

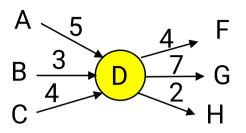
$$M^{CE}_{(3)} = 8$$

	В	C	D	Ε	F	G	Н	
Α	2	3	5	7		7		
В			3	5				
B C			4			4		
D					4	7	2	
Ε					1			
F								5
G							3	
Н								3

	В	N _{GG} ($\sqrt{3}$ D=	121	F	G	Н	
Α	\	N^{CH}	(3) =	6	9	7	7	
В								
С								
D								
Ε								
F								
G								
Н								

Matrice D₃

k = D



$$M^{VE}(3) = 0$$

$$W_{AG}^{(3)} = 12$$

$$W_{AH}^{(3)} = 7$$

$$W_{BF}^{(3)} = 7$$

$$W_{BG}^{(3)} = 10$$

$$W_{BH}^{(3)} = 5$$

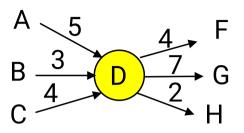
$$M^{CL}_{(3)} = 8$$

	В	С	D	Ε	F	G	Н	
Α	2	3	5	7		7		
В			3	5				
B C			4			4		
D					4	7	2	
Ε					1			
F								5
G							3	
Н								3

	В١	N _{СG}	$r_3 D =$	121	F	G	Н	
Α	1	N^{CH}	(3) =	6	9	7	7	
В					7			
С								
D								
E								
F								
G								
Н								

Matrice D₃

k = D



$$M^{VE}(3) = 0$$

$$W_{AG}^{(3)} = 12$$

$$W_{AH}^{(3)} = 7$$

$$W_{BF}^{(3)} = 7$$

$$W_{BG}^{(3)} = 10$$

$$W_{BH}^{(3)} = 5$$

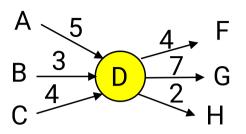
$$M^{CE}_{(3)} = 8$$

	В	C	D	Ε	F	G	Н	
Α	2	3	5	7		7		
В			3	5				
B C			4			4		
D					4	7	2	
Ε					1			
F								5
G							3	
Н								3

	в١	N _{СG} ($(3)^{D}=$	121	F	G	Н	<u> </u>
Α	\	N^{CH}	(3) ₌	6	9	7	7	
В		011			7	10		
С								
D								
Ε								
F								
G								
Н								

Matrice D₃

k = D



$$M^{VE}(3) = 0$$

$$W_{AG}^{(3)} = 12$$

$$W_{AH}^{(3)} = 7$$

$$W_{BF}^{(3)} = 7$$

$$W_{BG}^{(3)} = 10$$

$$W_{BH}^{(3)} = 5$$

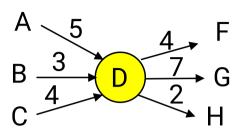
$$M^{CE}_{(3)} = 8$$

	В	C	D	Ε	F	G	Н	
Α	2	3	5	7		7		
В			3	5				
B C			4			4		
D					4	7	2	
Ε					1			
F								5
G							3	
Н								3

	В	$N_{\mathbb{C}^{G}}$	P_3 D=	121	F	G	Н	
Α	\	N^{CH}	(3) =	6	9	7	7	
В		011			7	10	5	
C								
D								
Ε								
F								
G								
Н								

Matrice D₃

k = D



$$M^{VE}(3) = 0$$

$$W_{AG}^{(3)} = 12$$

$$W_{AH}^{(3)} = 7$$

$$W_{BF}^{(3)} = 7$$

$$W_{BG}^{(3)} = 10$$

$$W_{BH}^{(3)} = 5$$

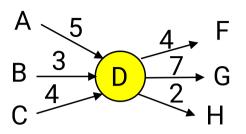
$$M^{CL}_{(3)} = 8$$

	В	C	D	Ε	F	G	Н	
Α	2	3	5	7		7		
В			3	5				
B C			4			4		
D					4	7	2	
Ε					1			
F								5
G							3	
Н								3

	В١	N _{СG} ($(3)^{2}$	121	F	G	Н	I
Α	\	N^{CH}	3) =	6	9	7	7	
B C		011			7	10	5	
С					8			
D								
Ε								
F								
G								
Н								

Matrice D₃

k = D



$$M^{VE}(3) = 0$$

$$W_{AG}^{(3)} = 12$$

$$W_{AH}^{(3)} = 7$$

$$W_{BF}^{(3)} = 7$$

$$W_{BG}^{(3)} = 10$$

$$W_{BH}^{(3)} = 5$$

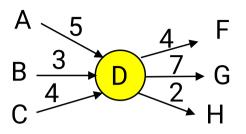
$$M^{CE}_{(3)} = 8$$

	В	C	D	Ε	F	G	Η	
Α	2	3	5	7		7		
В			3	5				
B C			4			4		
D					4	7	2	
Ε					1			
F								5
G							3	
Н								3

	в١		$(3)^{2}$		F	G	Н	
Α	\	N_{CH}	(3) =	6	9	7	7	
B C		011			7	10	5	
C					8	4		
D								
Ε								
F								
G								
ы								

Matrice D₃

k = D



$$M^{VE}(3) = 0$$

$$W_{AG}^{(3)} = 12$$

$$W_{AH}^{(3)} = 7$$

$$W_{BF}^{(3)} = 7$$

$$W_{BG}^{(3)} = 10$$

$$W_{BH}^{(3)} = 5$$

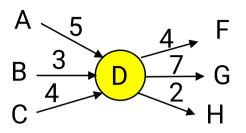
$$M^{CE}_{(3)} = 8$$

	В	C	D	Ε	F	G	Н	
Α	2	3	5	7		7		
В			3	5				
B C			4			4		
D					4	7	2	
Ε					1			
F								5
G							3	
Н								3

	В١		(3)=		F	G	Н	1
Α	\	N^{CH}	(3) ₌	6	9	7	7	
B C		011			7	10	5	
С					8	4	6	
D								
Ε								
F								
G								
Н								

Matrice D₃

k = D



$$W_{AF}^{(3)} = 9$$

$$W_{AG}^{(3)} = 12$$

$$W_{AH}^{(3)} = 7$$

$$W_{BF}^{(3)} = 7$$

$$W_{BG}^{(3)} = 10$$

$$W_{BH}^{(3)} = 5$$

$$M^{CE}_{(3)} = 8$$

	В	C	D	Ε	F	G	Н	
Α	2	3	5	7		7		
В			3	5				
C			4			4		
D					4	7	2	
Ε					1			
F G								5
G							3	
Н								3

	В١		P_3 D=		F	G	Н	
Α	2١	۷ ۵_(³ 5=	67	9	7	7	
В		011	3	5	7	10	5	
C			4		8	4	6	
D					4	7	2	
Ε					1			
F								5
G							\mathcal{S}	
Н								3

Matrice D₃

k = E

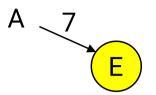
	В	С	D	Ε	F	G	Н	I
Α	2	3	5	7	9	7	7	
B C			က	5	7	10	5	
C			4		8	4	6	
D					4	7	2	
E F G					1			
F								5
G							3	
Η								3

k = E



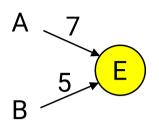
	В	С	D	Ε	F	G	Н	I
Α	2	3	5	7	9	7	7	
B C			3	5	7	10	5	
С			4		8	4	6	
D					4	7	2	
Ε					1			
D E F G								5
G							3	
Н								3

k = E



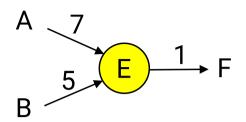
	В	С	D	Ε	F	G	Н	I
Α	2	3	5	7	9	7	7	
B C			3	5	7	10	5	
C			4		8	4	6	
					4	7	2	
D E F G					1			
F								5
G							3	
Н								3

k = E



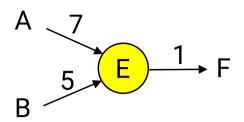
	В	С	D	Ε	F	G	Н	I
Α	2	3	5	7	9	7	7	
B C			3	5	7	10	5	
C			4		8	4	6	
D					4	7	2	
Ε					1			
D E F G								5
G							3	
Н								3

k = E



	В	С	D	Ε	F	G	Н	I
Α	2	3	5	7	9	7	7	
B C			က	5	7	10	5	
C			4		8	4	6	
D					4	7	2	
Ε					1			
F								5
G							3	
Η								3

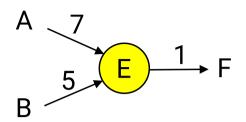
k = E



$$W_{AF}^{(4)} = 8$$

	В	С	D	Ε	F	G	Н	I
Α	2	3	5	7	9	7	7	
B C			3	5	7	10	5	
C			4		8	4	6	
D					4	7	2	
Ε					1			
D E F G								5
G							3	
Н								3

k = E

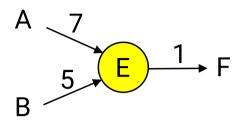


$$W_{AF}^{(4)} = 8$$

 $W_{BF}^{(4)} = 6$

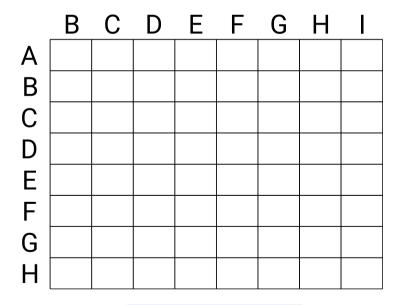
	В	С	D	Ε	F	G	Н	I
Α	2	3	5	7	9	7	7	
B C			3	5	7	10	5	
C			4		8	4	6	
D					4	7	2	
Ε					1			
D E F G								5
G							3	
Н								3

k = E



$$W_{AF}^{(4)} = 8$$

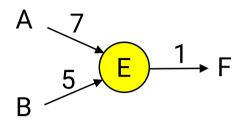
 $W_{BF}^{(4)} = 6$



	В	С	D	Ε	F	G	Н	
Α	2	3	5	7	9	7	7	
В			3	5	7	10	5	
C			4		8	4	6	
D					4	7	2	
Ε					1			
F								5
G							3	
Н								3

Matrice D₅

k = E



$$W_{AF}^{(4)} = 8$$

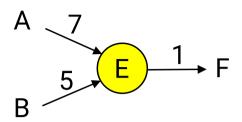
 $W_{BF}^{(4)} = 6$

	В	С	D	Ε	F	G	Н	
Α					8			
В								
С								
D								
Ε								
F								
G								
Н								

	В	C	D	Ε	F	G	Н	
Α	2	ന	5	7	9	7	7	
В			က	15	7	10	5	
C			4		8	4	6	
D					4	7	2	
Ε					1			
F								5
G							\mathcal{S}	
Н								3

Matrice D₅

k = E



$$W_{AF}^{(4)} = 8$$

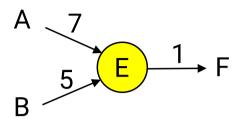
 $W_{BF}^{(4)} = 6$

	В	C	D	Ε	F	G	Н	
Α					8			
В					6			
С								
D								
Ε								
F								
G								
Н								

	В	C	D	Ε	F	G	Н	
Α	2	ന	5	7	9	7	7	
В			က	15	7	10	5	
C			4		8	4	6	
D					4	7	2	
Ε					1			
F								5
G							\mathcal{S}	
Н								3

Matrice D₅

k = E



$$W_{AF}^{(4)} = 8$$

 $W_{BF}^{(4)} = 6$

	В	С	D	Ε	F	G	Н	
Α	2	3	5	7	8	7	7	
В			3	5	6	10	5	
С			4		8	4	6	
D					4	7	2	
Ε					1			
F								5
G							3	
Н								3

	В	С	D	Ε	F	G	Н	
Α	2	3	5	7	9	7	7	
В			3	5	7	10	5	
С			4		8	4	6	
D					4	7	2	
Ε					1			
F								5
G							3	
Н								3

Matrice D₅

k = F

	В	C	D	Ε	F	G	Н	
Α	2	3	5	7	8	7	7	
B C			3	5	6	10	5	
С			4		8	4	6	
D					4	7	2	
E					1			
F G								5
G							3	
Η								3

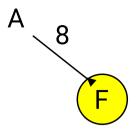
k = F



	В	C	D	Ε	F	G	Н	
Α	2	3	5	7	8	7	7	
В			3	5	6	10	5	
C			4		8	4	6	
D					4	7	2	
Ε					1			
F G								5
G							3	
Н								3

Chemin optimal DEMOUCRON

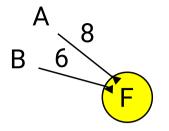
k = F



	В	C	D	Ε	F	G	Н	
Α	2	3	5	7	8	7	7	
В			3	5	6	10	5	
C			4		8	4	6	
D					4	7	2	
E					1			
F G								5
G							3	
Н								3

Chemin optimal DEMOUCRON

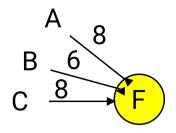
k = F



	В	C	D	Ε	F	G	Н	
Α	2	3	5	7	8	7	7	
B C			3	5	6	10	5	
C			4		8	4	6	
D					4	7	2	
E					1			
F G								5
G							3	
Н								თ

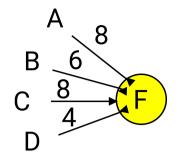
Chemin optimal DEMOUCRON

k = F



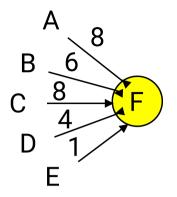
	В	C	D	Ε	F	G	Н	
Α	2	3	5	7	8	7	7	
В			3	5	6	10	5	
C			4		8	4	6	
D					4	7	2	
E					1			
F G								5
G							3	
Н								თ

k = F



	В	C	D	Ε	F	G	Н	
Α	2	3	5	7	8	7	7	
В			3	5	6	10	5	
C			4		8	4	6	
D					4	7	2	
E					1			
F G								5
G							3	
Н								3

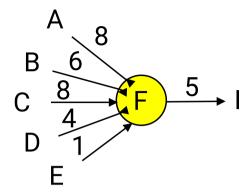
k = F



	В	C	D	Ε	F	G	Н	
Α	2	3	5	7	8	7	7	
В			3	5	6	10	5	
C			4		8	4	6	
D E					4	7	2	
Ε					1			
F G								5
G							3	
Н								თ

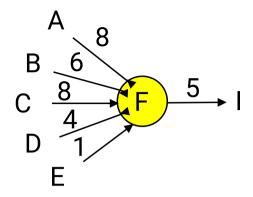
Chemin optimal DEMOUCRON

k = F



	В	C	D	Ε	F	G	Н	
Α	2	3	5	7	8	7	7	
B C			3	5	6	10	5	
			4		8	4	6	
D					4	7	2	
E F G					1			
F								5
G							3	
Н								3

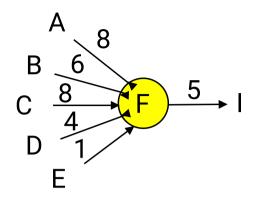
k = F



$$W_{AI}^{(5)} = 13$$

	В	C	D	Ε	F	G	Н	
Α	2	3	5	7	8	7	7	
B C			3	5	6	10	5	
C			4		8	4	6	
D					4	7	2	
D E F G					1			
F								5
G							3	
Н								3

k = F

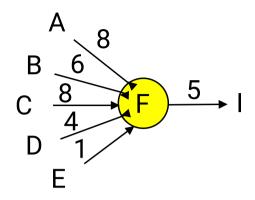


$$W_{AI}^{(5)} = 13$$

 $W_{BI}^{(5)} = 11$

	В	C	D	Ε	F	G	Н	
Α	2	3	5	7	8	7	7	
B C			3	5	6	10	5	
C			4		8	4	6	
D					4	7	2	
D E F G					1			
F								5
G							3	
Н								3

k = F

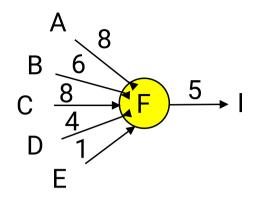


$$W_{AI}^{(5)} = 13$$

 $W_{BI}^{(5)} = 11$
 $W_{CI}^{(5)} = 13$

	В	C	D	Ε	F	G	Н	
Α	2	3	5	7	8	7	7	
B C			3	5	6	10	5	
C			4		8	4	6	
D					4	7	2	
D E F G					1			
F								5
G							3	
Н								3

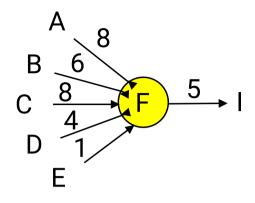
k = F



$$W_{AI}^{(5)} = 13$$
 $W_{BI}^{(5)} = 11$
 $W_{CI}^{(5)} = 13$
 $W_{DI}^{(5)} = 9$

	В	C	D	Ε	F	G	Н	
Α	2	3	5	7	8	7	7	
B C			3	5	6	10	5	
C			4		8	4	6	
D					4	7	2	
D E F G					1			
F								5
G							3	
Н								თ

k = F



$$W_{AI}^{(5)} = 13$$

$$W_{BI}^{(5)} = 11$$

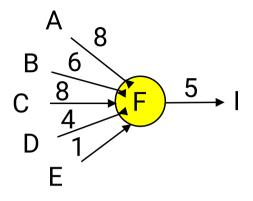
$$W_{CI}^{(5)} = 13$$

$$W_{DI}^{(5)} = 9$$

$$W_{FI}^{(5)} = 6$$

	В	C	D	Ε	F	G	Н	
Α	2	3	5	7	8	7	7	
B C			3	5	6	10	5	
C			4		8	4	6	
D					4	7	2	
D E F G					1			
F								5
G							3	
Н								თ

k = F



$$W_{AI}^{(5)} = 13$$

$$W_{BI}^{(5)} = 11$$

$$W_{Cl}^{(5)} = 13$$

$$W_{DI}^{(5)} = 9$$

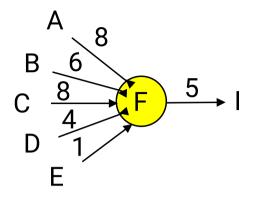
$$W_{EI}^{(5)} = 6$$

	В	C	D	Ε	F	G	Н	
Α	2	3	5	7	8	7	7	
В			3	5	6	10	5	
C			4		8	4	6	
D					4	7	2	
Ε					1			
F G								5
G							3	
Н								თ

	В	С	D	Ε	F	G	Н	<u> </u>
Α								
В								
С								
D								
Ε								
F								
G								
Н								

Matrice D₅

k = F



$$W_{AI}^{(5)} = 13$$

$$W_{BI}^{(5)} = 11$$

$$W_{CI}^{(5)} = 13$$

$$W_{DI}^{(5)} = 9$$

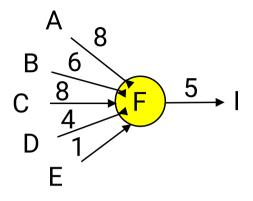
$$W_{EI}^{(5)} = 6$$

	В	C	D	Ε	F	G	Н	
Α	2	3	5	7	8	7	7	
В			3	5	6	10	5	
С			4		8	4	6	
D					4	7	2	
Ε					1			
F								5
G							3	
Н								3

	В	C	D	Ε	F	G	Н	
Α								13
В								
С								
D								
Ε								
F								
G								
Н								

Matrice D₅

k = F



$$W_{AI}^{(5)} = 13$$

$$W_{BI}^{(5)} = 11$$

$$W_{Cl}^{(5)} = 13$$

$$W_{DI}^{(5)} = 9$$

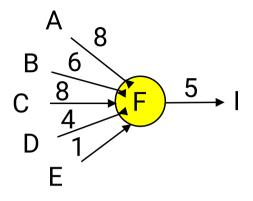
$$W_{FI}^{(5)} = 6$$

	В	C	D	Ε	F	G	Н	
Α	2	3	5	7	8	7	7	
В			3	5	6	10	5	
C			4		8	4	6	
D					4	7	2	
Ε					1			
F								5
G							က	
Н								3

	В	C	D	Ε	F	G	Н	<u> </u>
Α								13
В								11
С								
D								
Ε								
F G								
G								
Н								

Matrice D₅

k = F



$$W_{AI}^{(5)} = 13$$

$$W_{BI}^{(5)} = 11$$

$$W_{CI}^{(5)} = 13$$

$$W_{DI}^{(5)} = 9$$

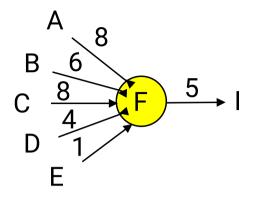
$$W_{FI}^{(5)} = 6$$

	В	C	D	Ε	F	G	Н	
Α	2	3	5	7	8	7	7	
В			3	5	6	10	5	
C			4		8	4	6	
D					4	7	2	
Ε					1			
F								5
G							က	
Н								3

	В	C	D	Ε	F	G	Н	I
Α								13
В								11
С								13
D								
Ε								
F G								
G								
Н								

Matrice D₅

k = F



$$W_{AI}^{(5)} = 13$$

$$W_{BI}^{(5)} = 11$$

$$W_{CI}^{(5)} = 13$$

$$W_{DI}^{(5)} = 9$$

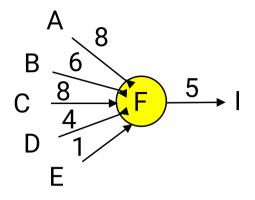
$$W_{EI}^{(5)} = 6$$

	В	C	D	Ε	F	G	Н	Ī
Α	2	3	5	7	8	7	7	
В			3	5	6	10	5	
C			4		8	4	6	
D					4	7	2	
Ε					1			
F								5
G							3	
Н								3

	В	C	D	Ε	F	G	Н	<u> </u>
Α								13
В								11
С								13
D								9
E								
F G								
G								
Н								

Matrice D₅

k = F



$$W_{AI}^{(5)} = 13$$

$$W_{BI}^{(5)} = 11$$

$$W_{Cl}^{(5)} = 13$$

$$W_{DI}^{(5)} = 9$$

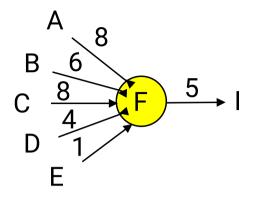
$$W_{FI}^{(5)} = 6$$

	В	C	D	Ε	F	G	Н	
Α	2	3	5	7	8	7	7	
В			3	5	6	10	5	
С			4		8	4	6	
D					4	7	2	
Ε					1			
F								5
G							3	
Н								3

	В	C	D	Ε	F	G	Н	
Α								13
В								11
С								13
D								9
E								6
F								
G								
Н								

Matrice D₅

k = F



$$W_{AI}^{(5)} = 13$$

$$W_{BI}^{(5)} = 11$$

$$W_{CI}^{(5)} = 13$$

$$W_{DI}^{(5)} = 9$$

$$W_{EI}^{(5)} = 6$$

	В	C	D	Ε	F	G	Н	Ī
Α	2	3	5	7	8	7	7	
В			3	5	6	10	5	
C			4		8	4	6	
D					4	7	2	
Ε					1			
F								5
G							3	
Н								3

	В	C	D	Ε	F	G	Н	<u> </u>
Α	2	3	5	7	8	7	7	13
В			3	5	6	10	5	11
C			4		8	4	6	13
D					4	7	2	9
Ε					1			6
F								5
G							3	
Н								3

Matrice D₅

k = G

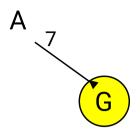
	В	С	D	Ε	F	G	Н	ı
Α	2	3	5	7	8	7	7	13
В			က	5	6	10	5	11
С			4		8	4	6	13
D					4	7	2	9
Ε					1			6
F								5
G							3	
Н								3

k = G



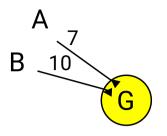
	В	С	D	Ε	F	G	Н	I
Α	2	3	5	7	8	7	7	13
B C			3	5	6	10	5	11
C			4		8	4	6	13
D					4	7	2	9
Ε					1			6
E F G								5
G							3	
Н								3

k = G



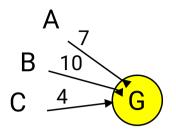
	В	С	D	Ε	F	G	Н	
Α	2	3	5	7	8	7	7	13
B C			3	5	6	10	5	11
С			4		8	4	6	13
D					4	7	2	9
Ε					1			6
F								5
G							3	
Н								3

k = G



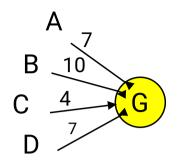
	В	С	D	Ε	F	G	Н	I
Α	2	3	5	7	8	7	7	13
B C			3	5	6	10	5	11
C			4		8	4	6	13
D					4	7	2	9
Ε					1			6
E F G								5
G							3	
Н								3

k = G



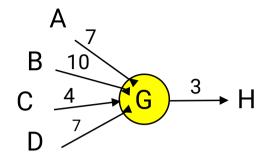
	В	С	D	Ε	F	G	Н	I
Α	2	3	5	7	8	7	7	13
B C			3	5	6	10	5	11
C			4		8	4	6	13
D					4	7	2	9
Ε					1			6
E F G								5
G							3	
Н								3

k = G



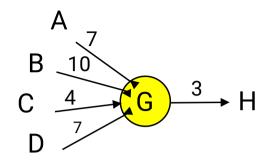
	В	С	D	Ε	F	G	Н	1
Α	2	3	5	7	8	7	7	13
В			3	5	6	10	5	11
B C			4		8	4	6	13
D					4	7	2	9
Ε					1			6
F G								5
G							3	
Н								3

k = G



	В	С	D	Ε	F	G	Н	
Α	2	ന	5	7	8	7	7	13
B C			က	5	6	10	5	11
C			4		8	4	6	13
D					4	7	2	9
E F					1			6
F								5
G							3	
Н								3

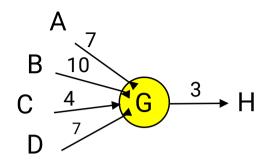
k = G



$$W_{AH}^{(6)} = 10$$

	В	С	D	Ε	F	G	Н	
Α	2	3	5	7	8	7	7	13
В			3	5	6	10	5	11
С			4		8	4	6	13
D					4	7	2	9
Ε					1			6
F								5
G							3	
Η								3

k = G

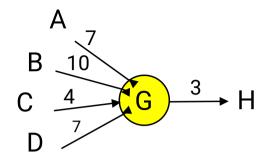


$$W_{AH}^{(6)} = 10$$

 $W_{BH}^{(6)} = 13$

	В	С	D	Ε	F	G	Н	
Α	2	3	5	7	8	7	7	13
В			က	5	6	10	5	11
С			4		8	4	6	13
D					4	7	2	9
Ε					1			6
F								5
G							3	
Н								3

k = G

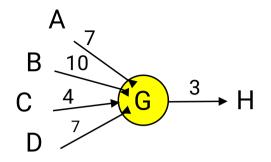


$$W_{AH}^{(6)} = 10$$

 $W_{BH}^{(6)} = 13$
 $W_{CH}^{(6)} = 7$

	В	С	D	Ε	F	G	Н	1
Α	2	3	5	7	8	7	7	13
B C			3	5	6	10	5	11
C			4		8	4	6	13
D					4	7	2	9
D E F G					1			6
F								5
G							3	
Н								3

k = G

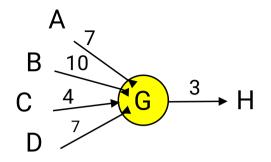


$$W_{AH}^{(6)} = 10$$

 $W_{BH}^{(6)} = 13$
 $W_{CH}^{(6)} = 7$
 $W_{DH}^{(6)} = 10$

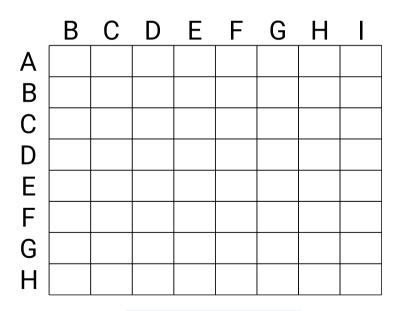
	В	С	D	Ε	F	G	Н	
Α	2	ന	5	7	8	7	7	13
B C			က	5	6	10	5	11
C			4		8	4	6	13
D					4	7	2	9
E F					1			6
F								5
G							3	
Н								3

k = G



$$W_{AH}^{(6)} = 10$$

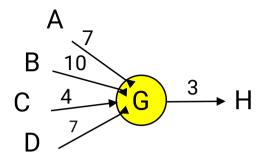
 $W_{BH}^{(6)} = 13$
 $W_{CH}^{(6)} = 7$
 $W_{DH}^{(6)} = 10$



	В	C	D	Ε	F	G	Н	
Α	2	ന	5	7	8	7	7	13
В			3	5	6	10	5	11
С			4		8	4	6	13
D					4	7	2	9
Ε					1			6
F								5
G							თ	
Н								3

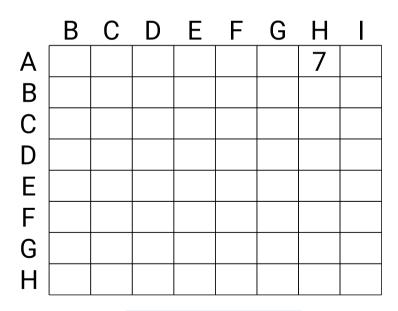
Matrice D₇

k = G



$$W_{AH}^{(6)} = 10$$

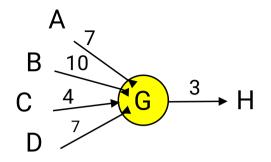
 $W_{BH}^{(6)} = 13$
 $W_{CH}^{(6)} = 7$
 $W_{DH}^{(6)} = 10$



	В	C	D	Ε	F	G	Н	<u> </u>
Α	2	ന	5	7	8	7	7	13
В			3	5	6	10	5	11
С			4		8	4	6	13
D					4	7	2	9
Ε					1			6
F								5
G							თ	
Н								3

Matrice D₇

k = G



$$W_{AH}^{(6)} = 10$$

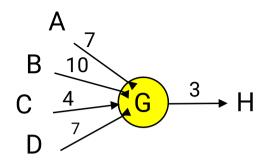
 $W_{BH}^{(6)} = 13$
 $W_{CH}^{(6)} = 7$
 $W_{DH}^{(6)} = 10$

	В	C	D	Ε	F	G	Н	
Α							7	
В							5	
С								
D								
Ε								
F								
G								
Н								

	В	С	D	Е	F	G	Н	
Α	2	3	5	7	8	7	7	13
В			3	5	6	10	5	11
С			4		8	4	6	13
D					4	7	2	9
Ε					1			6
F								5
G							3	
Н								3

Matrice D₇

k = G



$$W_{AH}^{(6)} = 10$$

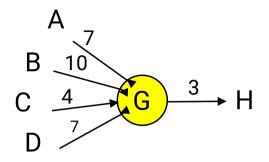
 $W_{BH}^{(6)} = 13$
 $W_{CH}^{(6)} = 7$
 $W_{DH}^{(6)} = 10$

	В	C	D	Ε	F	G	Н	
Α							7	
В							5	
С							6	
D								
Ε								
F								
G								
Н								

	В	С	D	Ε	F	G	Н	
Α	2	ന	5	7	8	7	7	13
В			3	5	6	10	5	11
C			4		8	4	6	13
D					4	7	2	9
Ε					1			6
F								5
G							თ	
Н								3

Matrice D₇

k = G



$$W_{AH}^{(6)} = 10$$

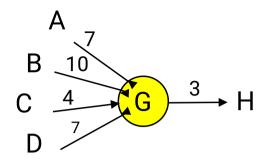
 $W_{BH}^{(6)} = 13$
 $W_{CH}^{(6)} = 7$
 $W_{DH}^{(6)} = 10$

	В	C	D	Ε	F	G	Н	
Α							7	
В							5	
С							6	
D							2	
Ε								
F								
G								
Н								

	В	C	D	Ε	F	G	Н	
Α	2	ന	5	7	8	7	7	13
В			3	5	6	10	5	11
С			4		8	4	6	13
D					4	7	2	9
Ε					1			6
F								5
G							თ	
Н								3

Matrice D₇

k = G



$$W_{AH}^{(6)} = 10$$

 $W_{BH}^{(6)} = 13$
 $W_{CH}^{(6)} = 7$
 $W_{DH}^{(6)} = 10$

	В	С	D	Ε	F	G	Н	
Α	2	3	5	7	8	7	7	13
В			3	5	6	10	5	11
С			4		8	4	6	13
D					4	7	2	9
Ε					1			6
F								5
G							3	
Н								3

	В	C	D	Ε	F	G	Н	
Α	2	3	5	7	8	7	7	13
В			3	5	6	10	5	11
C			4		8	4	6	13
D					4	7	2	9
Ε					1			6
F								5
G							3	
Н								3

Matrice D₇

k = H

	В	C	D	Ε	F	G	Н	
Α	2	3	5	7	8	7	7	13
B C			3	5	6	10	5	11
C			4		8	4	6	13
D					4	7	2	9
E					1			6
F G								5
G							3	
Н								3

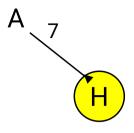
k = H



	В	C	D	Ε	F	G	Н	
Α	2	3	5	7	8	7	7	13
В			3	5	6	10	5	11
С			4		8	4	6	13
D					4	7	2	9
E					1			6
F G								5
G							3	
Н								3

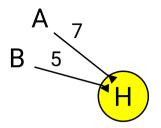
Chemin optimal DEMOUCRON

k = H



	В	C	D	Ε	F	G	Н	
Α	2	3	5	7	8	7	7	13
В			3	5	6	10	5	11
C			4		8	4	6	13
D					4	7	2	9
Ε					1			6
F G								5
G							3	
Н								3

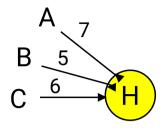
k = H



	В	C	D	Ε	F	G	Н	
Α	2	3	5	7	8	7	7	13
В			3	5	6	10	5	11
C			4		8	4	6	13
D					4	7	2	9
Ε					1			6
F G								5
G							3	
Н								3

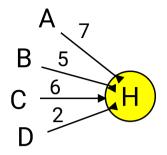
Chemin optimal DEMOUCRON

k = H



	В	C	D	Ε	F	G	Н	
Α	2	3	5	7	8	7	7	13
В			3	5	6	10	5	11
C			4		8	4	6	13
D					4	7	2	9
Ε					1			6
F G								5
G							3	
Н								3

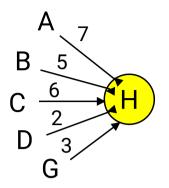
k = H



	В	C	D	Ε	F	G	Н	1
Α	2	3	5	7	8	7	7	13
B C			3	5	6	10	5	11
С			4		8	4	6	13
D E					4	7	2	9
Ε					1			6
F G								5
G							3	
Н								3

Chemin optimal DEMOUCRON

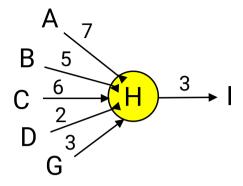
k = H



	В	C	D	Ε	F	G	Н	
Α	2	3	5	7	8	7	7	13
В			3	5	6	10	5	11
C			4		8	4	6	13
D					4	7	2	9
Ε					1			6
F G								5
G							3	
Н								3

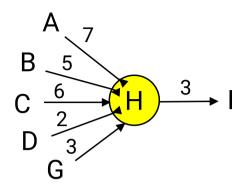
Chemin optimal DEMOUCRON

k = H



	В	C	D	Ε	F	G	Н	
Α	2	3	5	7	8	7	7	13
В			3	5	6	10	5	11
С			4		8	4	6	13
D					4	7	2	9
Ε					1			6
F G								5
G							3	
Н								3

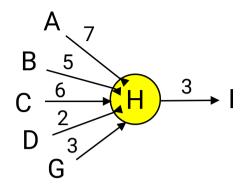
k = H



$$W_{AI}^{(7)} = 10$$

	В	C	D	Ε	F	G	Н	
Α	2	3	5	7	8	7	7	13
B C			3	5	6	10	5	11
			4		8	4	6	13
D					4	7	2	9
E					1			6
F G								5
G							က	
Н								3

k = H

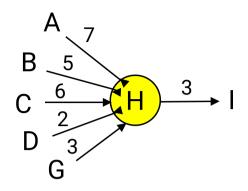


$$W_{AI}^{(7)} = 10$$

 $W_{BI}^{(7)} = 8$

	В	C	D	Ε	F	G	Н	
Α	2	3	5	7	8	7	7	13
B C			3	5	6	10	5	11
C			4		8	4	6	13
D E F G					4	7	2	9
Ε					1			6
F								5
G							က	
Н								3

k = H



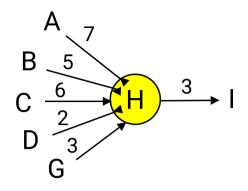
$$W_{AI}^{(7)} = 10$$

$$W_{BI}^{(7)} = 8$$

$$W_{CI}^{(7)} = 9$$

	В	C	D	Ε	F	G	Н	
Α	2	3	5	7	8	7	7	13
B C			3	5	6	10	5	11
C			4		8	4	6	13
D E F G					4	7	2	9
Ε					1			6
F								5
G							က	
Н								3

k = H



$$W_{AI}^{(7)} = 10$$

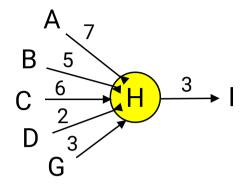
$$W_{BI}^{(7)} = 8$$

$$W_{CI}^{(7)} = 9$$

$$W_{DI}^{(7)} = 5$$

	В	C	D	Ε	F	G	Н	ĺ
Α	2	3	5	7	8	7	7	13
B C			3	5	6	10	5	11
			4		8	4	6	13
D					4	7	2	9
D E F G					1			6
F								5
G							3	
Н								3

k = H



$$W_{AI}^{(7)} = 10$$

$$W_{BI}^{(7)} = 8$$

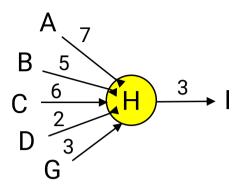
$$W_{CI}^{(7)} = 9$$

$$W_{DI}^{(7)} = 5$$

$$W_{GI}^{(7)} = 6$$

	В	C	D	Ε	F	G	Н	ĺ
Α	2	3	5	7	8	7	7	13
B C			3	5	6	10	5	11
			4		8	4	6	13
D					4	7	2	9
D E F G					1			6
F								5
G							3	
Н								3

k = H



$$W_{AI}^{(7)} = 10$$

$$W_{BI}^{(7)} = 8$$

$$W_{CI}^{(7)} = 9$$

$$W_{DI}^{(7)} = 5$$

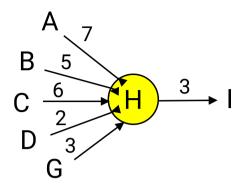
$$W_{GI}^{(7)} = 6$$

	В	C	D	Ε	F	G	Н	
Α	2	3	5	7	8	7	7	13
В			3	5	6	10	5	11
С			4		8	4	6	13
D					4	7	2	9
E					1			6
F G								5
G							3	
Н								3

	В	С	D	Ε	F	G	Н	1
Α								
В								
С								
D								
Ε								
F								
G								
Н								

Matrice D₇

k = H



$$W_{AI}^{(7)} = 10$$

$$W_{BI}^{(7)} = 8$$

$$W_{CI}^{(7)} = 9$$

$$W_{DI}^{(7)} = 5$$

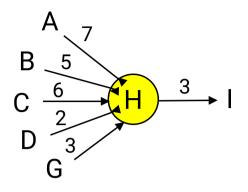
$$W_{GI}^{(7)} = 6$$

	В	C	D	Ε	F	G	Н	
Α	2	3	5	7	8	7	7	13
В			3	5	6	10	5	11
C			4		8	4	6	13
D					4	7	2	9
Ε					1			6
F								5
G							3	
Н								က

	В	C	D	Ε	F	G	Н	<u> </u>
Α								10
В								
С								
D								
Ε								
F G								
G								
Н								

Matrice D₇

k = H



$$W_{AI}^{(7)} = 10$$

$$W_{BI}^{(7)} = 8$$

$$W_{CI}^{(7)} = 9$$

$$W_{DI}^{(7)} = 5$$

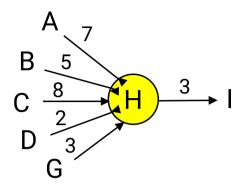
$$W_{GI}^{(7)} = 6$$

	В	C	D	Ε	F	G	Η	
Α	2	3	5	7	8	7	7	13
В			3	5	6	10	5	11
С			4		8	4	6	13
D					4	7	2	9
Ε					1			6
F								5
G							3	
Н								3

	В	С	D	Ε	F	G	Н	
Α								10
В								8
С								
D								
Ε								
F								
G								
Н								

Matrice D₇

k = H



$$W_{AI}^{(7)} = 10$$

$$W_{BI}^{(7)} = 8$$

$$W_{CI}^{(7)} = 9$$

$$W_{DI}^{(7)} = 5$$

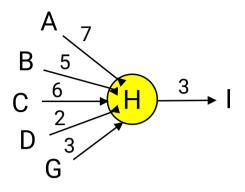
$$W_{GI}^{(7)} = 6$$

	В	C	D	Ε	F	G	Н	
Α	2	3	5	7	8	7	7	13
В			3	5	6	10	5	11
C			4		8	4	6	13
D					4	7	2	9
Ε					1			6
F								5
G							3	
Н								3

	В	C	D	Ε	F	G	Н	<u> </u>
Α								10
В								8
С								9
D								
Ε								
F G								
G								
Н								

Matrice D₇

k = H



$$W_{AI}^{(7)} = 10$$

$$W_{BI}^{(7)} = 8$$

$$W_{CI}^{(7)} = 9$$

$$W_{DI}^{(7)} = 5$$

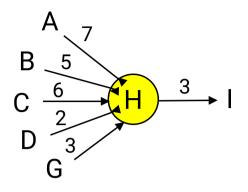
$$W_{GI}^{(7)} = 6$$

	В	C	D	Ε	F	G	Н	
Α	2	3	5	7	8	7	7	13
В			3	5	6	10	5	11
C			4		8	4	6	13
D E					4	7	2	9
Ε					1			6
F G								5
G							3	
Н								3

	В	С	D	Ε	F	G	Н	<u> </u>
Α								10
В								8
С								9
D								5
Ε								
F								
G								
Н								

Matrice D₇

k = H



$$W_{AI}^{(7)} = 10$$

$$W_{BI}^{(7)} = 8$$

$$W_{CI}^{(7)} = 9$$

$$W_{DI}^{(7)} = 5$$

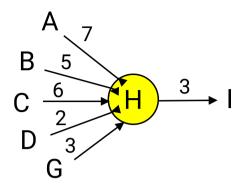
$$W_{GI}^{(7)} = 6$$

	В	C	D	Ε	F	G	Н	I
Α	2	3	5	7	8	7	7	13
В			3	5	6	10	5	11
С			4		8	4	6	13
D					4	7	2	9
Ε					1			6
F								5
G							3	
Н								3

	В	C	D	Ε	F	G	Н	<u> </u>
Α								10
В								8
С								9
D								5
Ε								
F								
G								6
Н								

Matrice D₇

k = H



$$W_{AI}^{(7)} = 10$$

$$W_{BI}^{(7)} = 8$$

$$W_{CI}^{(7)} = 9$$

$$W_{DI}^{(7)} = 5$$

$$W_{GI}^{(7)} = 6$$

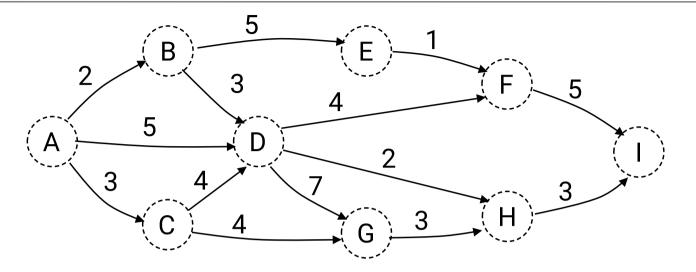
	В	C	D	Ε	F	G	Н	
Α	2	3	5	7	8	7	7	13
В			3	5	6	10	5	11
C			4		8	4	6	13
D					4	7	2	9
Ε					1			6
F								5
G							3	
Н								3

	В	С	D	Ε	F	G	Н	
Α	2	3	5	7	8	7	7	10
B C			3	5	6	10	5	8
C			4		8	4	6	9
D					4	7	2	5
Ε					1			6
F								5
G							3	6
Н								3

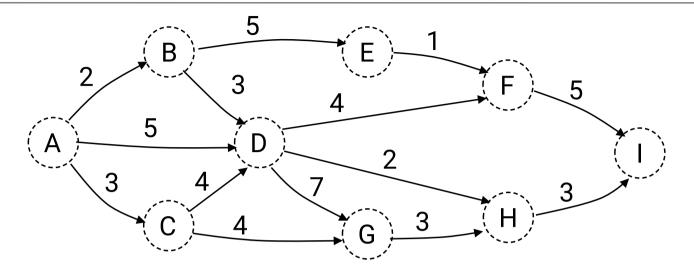
Matrice D₇

	В	С	D	Ε	F	G	Н	I
Α	2	3	5	7	8	7	7	10
B C			3	5	6	10	5	8
C			4		8	4	6	9
D					4	7	2	5
Ε					1			6
F								5
G							3	6
Н								3

Chemin optimal DEMOUCRON



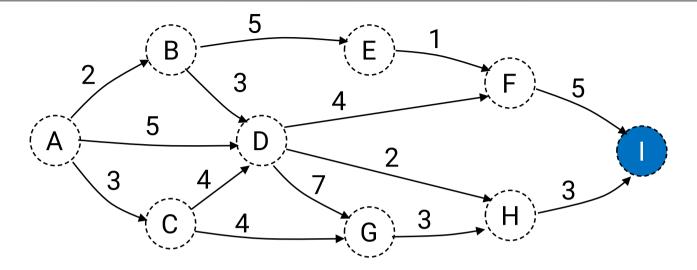
	В	С	D	Ε	F	G	Н	
Α	2	3	5	7	8	7	7	10
B C			3	5	6	10	5	8
C			4		8	4	6	9
D					4	7	2	5
Ε					1			6
F								5
G							3	6
Н								3



Pour trouver le chemin de valeur minimale dans cette matrice D_8 :

la case où se trouve le minimum dans la colonne i indique le prédécesseur de i dans le chemin minimal.

	В	С	D	Ε	F	G	Н	I
Α	2	3	5	7	8	7	7	10
B C			3	5	6	10	5	8
C			4		8	4	6	9
D					4	7	2	5
Ε					1			6
F G								5
G							3	6
Н								3

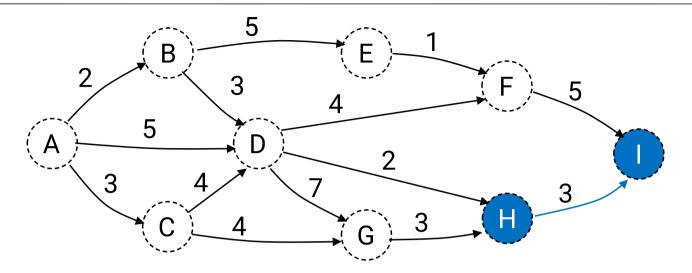


Pour trouver le chemin de valeur minimale dans cette matrice D_8 :

la case où se trouve le minimum dans la colonne i indique le prédécesseur de i dans le chemin minimal.

	В	С	D	Ε	F	G	Н	1
Α	2	ന	5	7	8	7	7	10
В			\mathcal{S}	5	6	10	5	8
С			4		8	4	6	9
D					4	7	2	5
Ε					1			6
F								5
G							3	6
Н								3

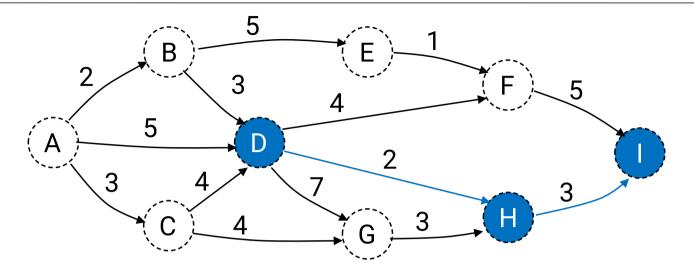
Chemin optimal DEMOUCRON



Pour trouver le chemin de valeur minimale dans cette matrice D_8 :

la case où se trouve le minimum dans la colonne i indique le prédécesseur de i dans le chemin minimal.

	В	С	D	Ε	F	G	Н	I
Α	2	3	5	7	8	7	7	10
В			3	5	6	10	5	8
С			4		8	4	6	9
D					4	7	2	5
Ε					1			6
F								5
G							3	6
Н								3

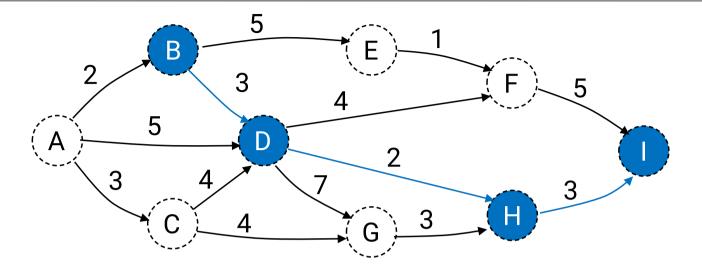


Pour trouver le chemin de valeur minimale dans cette matrice D_8 :

la case où se trouve le minimum dans la colonne i indique le prédécesseur de i dans le chemin minimal.

	В	С	D	Ε	F	G	Н	
Α	2	3	5	7	8	7	7	10
В			3	5	6	10	5	8
С			4		8	4	6	9
D					4	7	2	5
Ε					1			6
F								5
G							3	6
Н						·		3

Chemin optimal DEMOUCRON

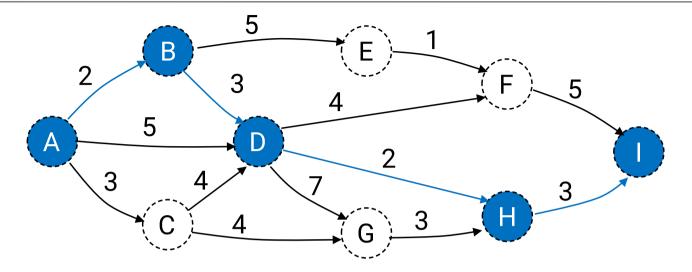


Pour trouver le chemin de valeur minimale dans cette matrice D_8 :

la case où se trouve le minimum dans la colonne i indique le prédécesseur de i dans le chemin minimal.

	В	С	D	Ε	F	G	Н	I
Α	2	3	5	7	8	7	7	10
В			3	5	6	10	5	8
С			4		8	4	6	9
D					4	7	2	5
Ε					1			6
F								5
G							3	6
Н								3

Chemin optimal DEMOUCRON



Pour trouver le chemin de valeur minimale dans cette matrice D_8 :

la case où se trouve le minimum dans la colonne i indique le prédécesseur de i dans le chemin minimal.

	В	С	D	Ε	F	G	Н	I
Α	2	3	5	7	8	7	7	10
В			3	5	6	10	5	8
С			4		8	4	6	9
D					4	7	2	5
Ε					1			6
F								5
G							3	6
Н								3