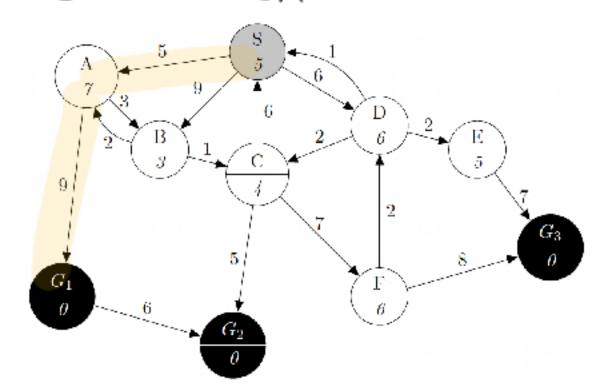
1. BÚS QUEDA EN ANCHURA

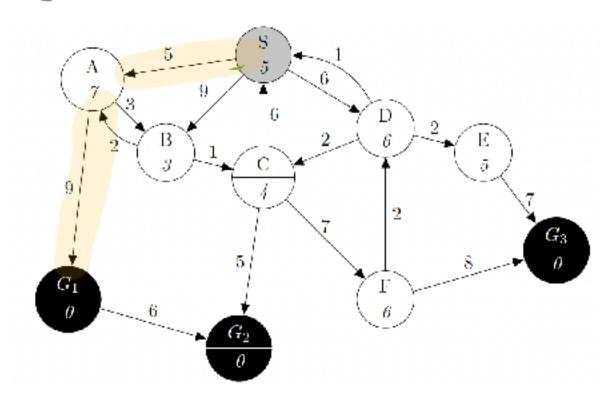


· Orden entran cercodos: S,A

- · Objetivo acautado: G1
- · Solucion: S > A > G1

ABITERTOS (S,S) (B,S) (D,S) (G1,A) (ERRADOS) (B, Ø) (A,S)

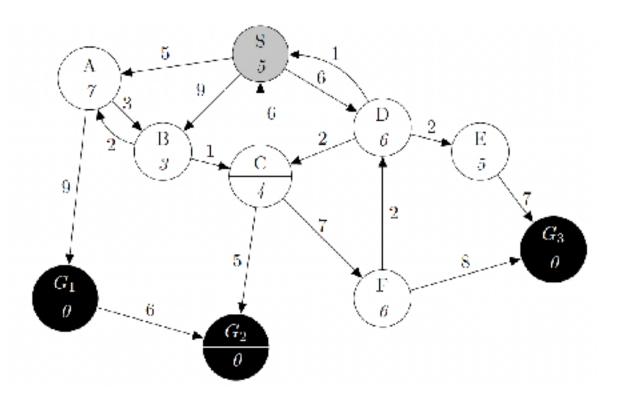
2. DESCENSO MERATIVO

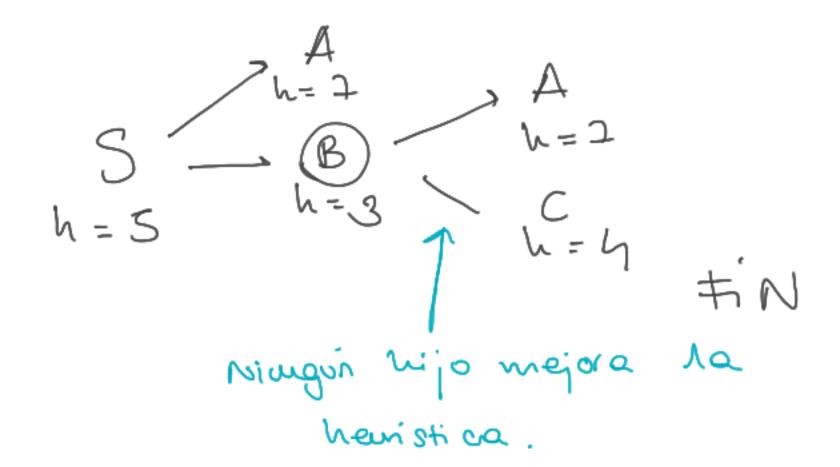


NIVEL 1:
$$S \longrightarrow A$$

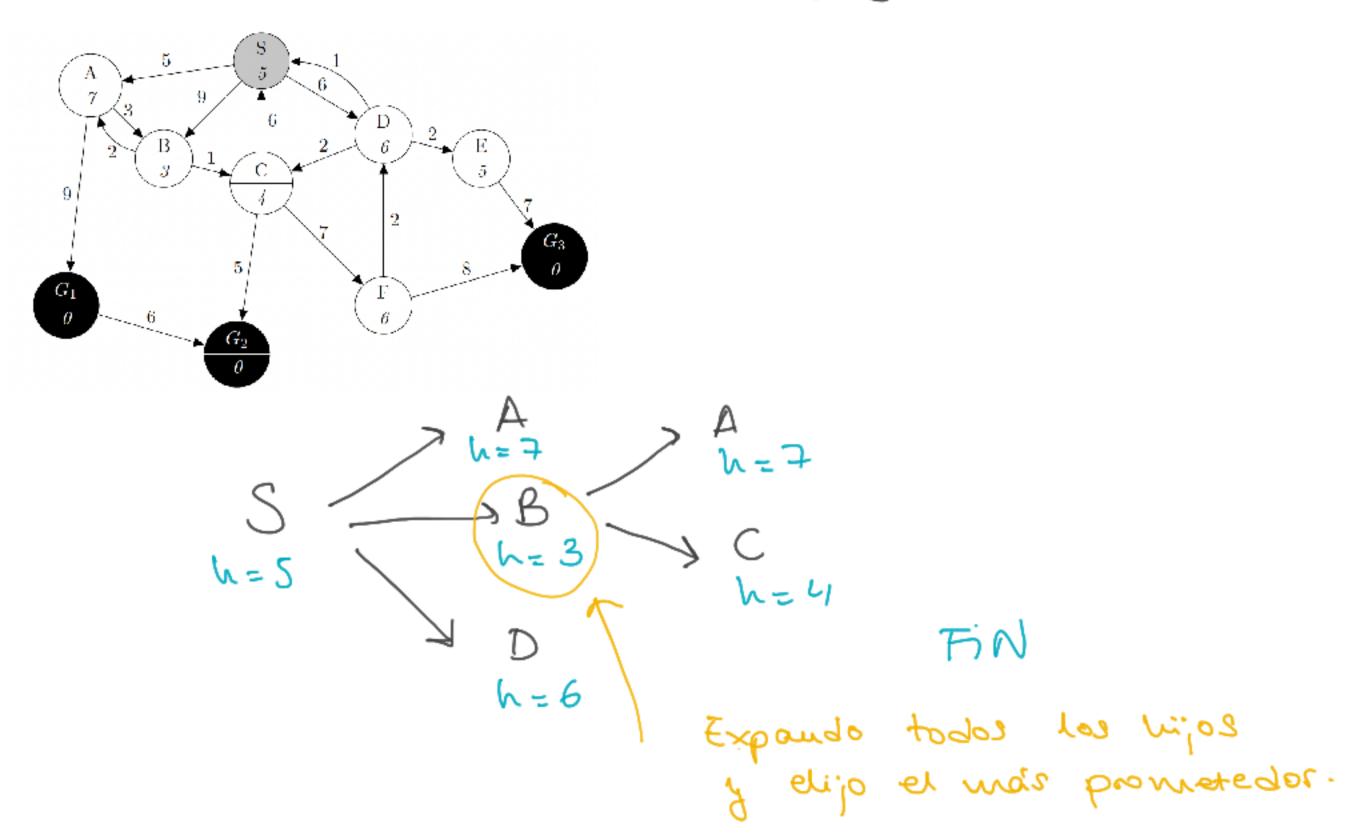
NIVEL 2: $S \longrightarrow A \longrightarrow B$

3. ESCALADA SIMPLE





4. ESCALADA MÁXIMA PENDIENTE

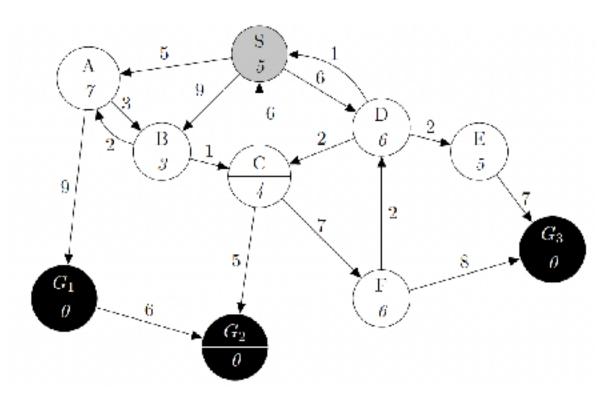


$$S \longrightarrow A$$

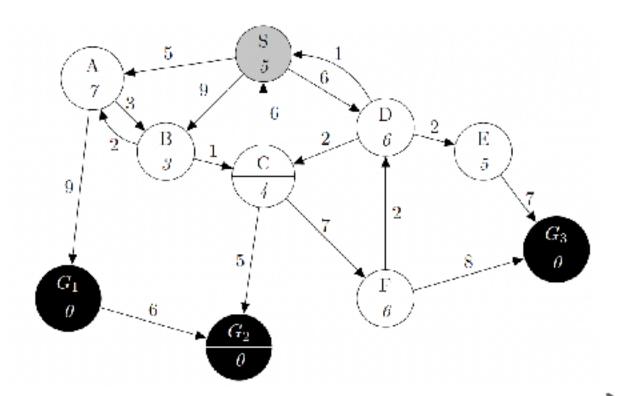
$$h = S \qquad h = f$$

$$\frac{-\Delta e}{T} = \frac{-2}{100} \approx 0.82$$

5. A*



d'Admisible? $h(x) \in h^*(x)$ d'Monótona? $h(x) - h(y) \in C(x, y)$ 5. A*



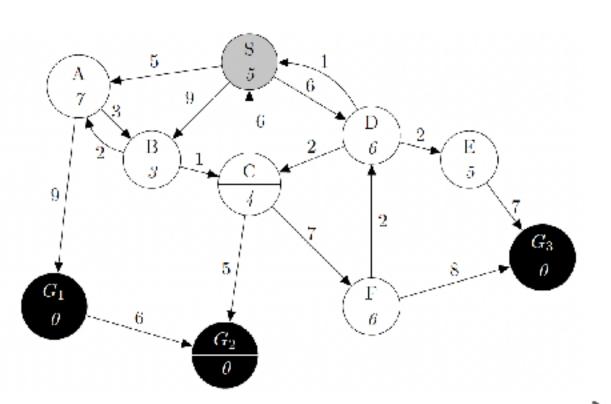
d'Admisible? h(x) = hx(x) d'Monótona?

h(x)-hy) < c(x,y)

NO Ay B

h(A) - h(B) = C(A,B)

7-3-4 4 3



ABIERTOS (S, Ø, O, 5)

d'Admisible? h(x) = hx(x) d'Monótona?

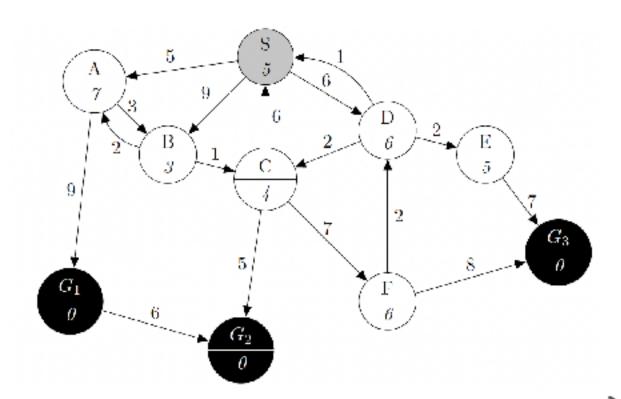
h(x)-hy) < c(x,y)

NO Ay B

h(A)-h(B) < C(A,B)

7-3-4 4 3

5. A*



ABIERTOS

(8,0,5)

(A,S,5,7)

(B, S, 9, 3)

(D,S,6,6)

d'Admisible? h(x) = hx(x)

al Monótona?

h(x)-hy) < c(x,y)

NO AYB

h(A)-h(B) < C(A,B)

7-3-4 4 3

CERRADOS

(s, ø, 0,5)

5. A* (S.0,0,5) 3(B,S,9,3) dAdmisible? h(x) = hx(x) al Monótona? h(x)-hy) < c(x,y) NO AYB h(A)-h(B) < C(A,B) 7-3-4 4 3

ABIERTOS

(D,S,6,6)

(61, A, 14,0)

CERRADOS (s, ø, 0,5) (F, E, S, A)

5. A* ABIERTOS (8,0,5) (D,S,6,6) (GA, A, 14,0) (C,B,9,4) dAdmisible? h(x) = hx(x) a Monótona? h(x)-hy) < c(x,y) NO A y B h(A)-h(B) < C(A,B) 7-3-4 4 3

(S, Ø, 0,5) (A,S,5,7) (A,B,10,7) (B,A,8,3)

5. A* ABIERTOS (8,0,5) (GA, A, 14,0) d Admisible? h(x) = hx(x) = (c, B, 9, 4) Rep L, (C,D, 8,4) al Monótona? (E, D, 8, 5) h(x)-hy) < c(x,y) NO AYB h(A)-h(B) & C(A,B) 7-3-4 4 3

(S, Ø, O, 5) (S,D) (D, S) (A, S, 5,7) (A,B, 10,7) (B, A, 8,3) (D, S, 6, 6)

5. A* ABIERTOS (8,0,5) (GA, A, 14,0) dAdmisible? h(x) = hx(x) - cc, 8,9 Pep L, (C,D, 8,4) al Monótona? (E, D, 8, 5) h(x)-hy) < c(x,y) NO A y B h(A)-h(B) & C(A,B) 7-3-4 4 3

CERRADOS Ni JOUTO (S, Ø, O, 5) (S,D) (A) (S) (A, S, 5,7) (A,B, 10,7) (B, A, 8,3) (D, S, 6, 6)

5. A* ABIERTOS S.0,0,5) (GA, A, 14,0 dAdmisible? h(x) = hx(x) - cc (C, D, 8,4) al Monótona? (E, D, 8, 5) h(x)-hy) < c(x,y) (G2, C, 13,0) (F, C, 15, 6) NO AYB h(A)-h(B) < C(A,B) 7-3-4 4 3

CERRADOS Ni Jauto (S, Ø, O, 5) (S,D) (A) (S) (A, S, 5,7) (A,B, 10,7) (B, A, 8,3) (D, S, 6, 6) (C, D, 8,4)

5. A* ABIERTOS S.0,0,5) (GA, A, 14,0) dAdmisible? h(x) = hx(x) - tc al Monótona? (E, D, 8,5) h(x)-hy) < c(x,y) (G2, C, 13,0) (F, C, 15, 6) NO AYB (G3, E, 15, 0) h(A)-h(B) < C(A,B) 7-3-4 4 3

CERRADOS Ni Jouto (S, Ø, O, 5) (S,D) (A) (S) (A, S, 5,7) (A,B, 10,7) (B,A, 8,3) (D,S, 6, 6) (C,D, 8,4) (E,D, 8,5)

5. A* ABIERTOS (8,0,5) (GA, A, 14,0) dAdmisible? h(x) = hx(x) = hx(x) (C, D, 8,4 al Monótona? (E, D, 8,5) h(x)-hy) < c(x,y) (62,C,13,0) (F, C, 15, 6) NO AYB (G3, E, 5, 0) h(A)-h(B) < C(A,B) 7-3-4 4 3

(S, Ø, O, 5) (S,D) (A, S, 5,7) (A,B, 10,7) (B,A, 8,3) (D, S, 6, 6) (C, D, 8,4) (E, D, 8, 5) (62, C, 13, O)

5. A* ABIERTOS (5,0,5) (GA, A, 14,0 dAdmisible? h(x) = hx(x) - cc, CC, B, 8,4 al Monótona? (E, D, 8,5) h(x)-hy) < c(x,y) (62 C,13,0) (F, C, 15, 6) NO AYB (G3, E, 10, 0) h(A)-h(B) < C(A,B) 7-3-4 4 3

(S, Ø, O, 5) (S,D) (A, S, 5,7) (A,B, 10,7) (B, A, 8,3) (D, S, 6, 6) (C, D, 8,4) (E, D, 8, 5) (62, C, 13, 0)