

Ejercicio 1 - Búsqueda de coste uniforme

Algoritmo (a igual coste) = FIFO

Función sucesora = $\uparrow_1 \downarrow_1 \xleftarrow{2} \xrightarrow{2}$

		Q	O	L
		e	M	I
				G
P		C	A	D
N	J		i	
K	H	E	B	F

E = { } F = {i⁰} T(i) = F

E = {i⁰} F = {A¹_(i), B¹_(i)} T(A) = F

E = {i⁰, A¹_(i)} F = {B¹_(i), C³_(A), D³_(A)} T(B) = F

E = {i⁰, A¹_(i), B¹_(i)} F = {C³_(A), D³_(A), E³_(B), F³_(B)} T(C) = F

E = {i⁰, A¹_(i), B¹_(i), C³_(A)} F = {D³_(A), E³_(B), F³_(B)} T(D) = F

E = {i⁰, A¹_(i), B¹_(i), C³_(A), D³_(A)} F = {E³_(B), F³_(B), G⁴_(D)} T(E) = F

E = {i⁰, A¹_(i), B¹_(i), C³_(A), D³_(A), E³_(B)} F = {F³_(B), G⁴_(D), H⁵_(E)} T(F) = F

E = {i⁰, A¹_(i), B¹_(i), C³_(A), D³_(A), E³_(B), F³_(B)} F = {G⁴_(D), H⁵_(E)} T(G) = F

E = {i⁰, A¹_(i), B¹_(i), C³_(A), D³_(A), E³_(B), F³_(B), G⁴_(D)} F = {H⁵_(E), I⁵_(G)} T(H) = F

E = {i⁰, A¹_(i), B¹_(i), C³_(A), D³_(A), E³_(B), F³_(B), G⁴_(D), H⁵_(E)} F = {I⁵_(G), J⁶_(H), K⁷_(H)} T(I) = F

E = {i⁰, A¹_(i), B¹_(i), C³_(A), D³_(A), E³_(B), F³_(B), G⁴_(D), H⁵_(E), I⁵_(G)} F = {J⁶_(H), K⁷_(H), L⁶_(I), M⁷_(I)} T(J) = F

E = {i⁰, A¹_(i), B¹_(i), C³_(A), D³_(A), E³_(B), F³_(B), G⁴_(D), H⁵_(E), I⁵_(G), J⁶_(H)} F = {K⁷_(H), L⁶_(I), M⁷_(I), N⁸_(J)} T(L) = F

E = {i⁰, A¹_(i), B¹_(i), C³_(A), D³_(A), E³_(B), F³_(B), G⁴_(D), H⁵_(E), I⁵_(G), J⁶_(H), L⁶_(I)} F = {K⁷_(H), M⁷_(I), N⁸_(J), O⁸_(L)} T(K) = F

E = {i⁰, A¹_(i), B¹_(i), C³_(A), D³_(A), E³_(B), F³_(B), G⁴_(D), H⁵_(E), I⁵_(G), J⁶_(H), L⁶_(I), K⁷_(H)} F = {M⁷_(I), N⁸_(J), O⁸_(L)} T(M) = F

E = {i⁰, A¹_(i), B¹_(i), C³_(A), D³_(A), E³_(B), F³_(B), G⁴_(D), H⁵_(E), I⁵_(G), J⁶_(H), L⁶_(I), K⁷_(H), M⁷_(I)} F = {N⁸_(J), O⁸_(L), e⁹_(M)} T(N) = F

E = {i⁰, A¹_(i), B¹_(i), C³_(A), D³_(A), E³_(B), F³_(B), G⁴_(D), H⁵_(E), I⁵_(G), J⁶_(H), L⁶_(I), K⁷_(H), M⁷_(I), N⁸_(J)} F = {O⁸_(L), e⁹_(M), P⁹_(N)} T(O) = F

E = {i⁰, A¹_(i), B¹_(i), C³_(A), D³_(A), E³_(B), F³_(B), G⁴_(D), H⁵_(E), I⁵_(G), J⁶_(H), L⁶_(I), K⁷_(H), M⁷_(I), N⁸_(J), O⁸_(L)} F = {e⁹_(M), P⁹_(N), Q¹⁰_(Q)} T(e) = T

Solución: i A D G I M e

