

Ejercicio 1 - Algoritmo A

| | | | | |
|--|---|-----|-----|-----|
| | | | L | J |
| | | e ← | K ← | I ↑ |
| | | | | ↑ |
| | | C | A → | D |
| | | | i ↑ | |
| | H | E | B | F |

$E = \{\}$ $F = \{\underset{0\ 4}{i}^4\}$ $T(i) = F$

$E = \{\underset{0\ 4}{i}^4\}$ $F = \{\underset{1\ 3}{A}^4, \underset{1\ 5}{B}^6\}$ $T(A) = F$

$E = \{\underset{0\ 4}{i}^4, \underset{1\ 3}{A}^4\}$ $F = \{\underset{1\ 5}{B}^6, \underset{3\ 2}{C}^5, \underset{3\ 4}{D}^7\}$ $T(C) = F$

$E = \{\underset{0\ 4}{i}^4, \underset{1\ 3}{A}^4, \underset{3\ 2}{C}^5\}$ $F = \{\underset{1\ 5}{B}^6, \underset{3\ 4}{D}^7\}$ $T(B) = F$

$E = \{\underset{0\ 4}{i}^4, \underset{1\ 3}{A}^4, \underset{3\ 2}{C}^5, \underset{1\ 5}{B}^6\}$ $F = \{\underset{3\ 4}{D}^7, \underset{3\ 4}{E}^7, \underset{3\ 6}{F}^9\}$ $T(D) = F$

$E = \{\underset{0\ 4}{i}^4, \underset{1\ 3}{A}^4, \underset{3\ 2}{C}^5, \underset{1\ 5}{B}^6, \underset{3\ 4}{D}^7\}$ $F = \{\underset{3\ 4}{E}^7, \underset{3\ 6}{F}^9, \underset{4\ 3}{G}^7\}$ $T(E) = F$

$E = \{\underset{0\ 4}{i}^4, \underset{1\ 3}{A}^4, \underset{3\ 2}{C}^5, \underset{1\ 5}{B}^6, \underset{3\ 4}{D}^7, \underset{3\ 4}{E}^7\}$ $F = \{\underset{3\ 6}{F}^9, \underset{4\ 3}{G}^7, \underset{5\ 5}{H}^{10}\}$ $T(G) = F$

$E = \{\underset{0\ 4}{i}^4, \underset{1\ 3}{A}^4, \underset{3\ 2}{C}^5, \underset{1\ 5}{B}^6, \underset{3\ 4}{D}^7, \underset{3\ 4}{E}^7, \underset{4\ 3}{G}^7\}$ $F = \{\underset{3\ 6}{F}^9, \underset{5\ 5}{H}^{10}, \underset{5\ 2}{I}^7\}$ $T(I) = F$

$E = \{\underset{0\ 4}{i}^4, \underset{1\ 3}{A}^4, \underset{3\ 2}{C}^5, \underset{1\ 5}{B}^6, \underset{3\ 4}{D}^7, \underset{3\ 4}{E}^7, \underset{4\ 3}{G}^7, \underset{5\ 2}{I}^7\}$ $F = \{\underset{3\ 6}{F}^9, \underset{5\ 5}{H}^{10}, \underset{6\ 3}{J}^9, \underset{7\ 1}{K}^8\}$ $T(K) = F$

$E = \{\underset{0\ 4}{i}^4, \underset{1\ 3}{A}^4, \underset{3\ 2}{C}^5, \underset{1\ 5}{B}^6, \underset{3\ 4}{D}^7, \underset{3\ 4}{E}^7, \underset{4\ 3}{G}^7, \underset{5\ 2}{I}^7, \underset{7\ 1}{K}^8\}$ $F = \{\underset{3\ 6}{F}^9, \underset{5\ 5}{H}^{10}, \underset{6\ 3}{J}^9, \underset{8\ 2}{L}^{10}, \underset{9\ 0}{e}^9\}$ $T(F) = F$

$E = \{\underset{0\ 4}{i}^4, \underset{1\ 3}{A}^4, \underset{3\ 2}{C}^5, \underset{1\ 5}{B}^6, \underset{3\ 4}{D}^7, \underset{3\ 4}{E}^7, \underset{4\ 3}{G}^7, \underset{5\ 2}{I}^7, \underset{7\ 1}{K}^8, \underset{3\ 6}{F}^9\}$ $F = \{\underset{5\ 5}{H}^{10}, \underset{6\ 3}{J}^9, \underset{8\ 2}{L}^{10}, \underset{9\ 0}{e}^9\}$ $T(J) = F$

$E = \{\underset{0\ 4}{i}^4, \underset{1\ 3}{A}^4, \underset{3\ 2}{C}^5, \underset{1\ 5}{B}^6, \underset{3\ 4}{D}^7, \underset{3\ 4}{E}^7, \underset{4\ 3}{G}^7, \underset{5\ 2}{I}^7, \underset{7\ 1}{K}^8, \underset{3\ 6}{F}^9, \underset{6\ 3}{J}^9\}$ $F = \{\underset{5\ 5}{H}^{10}, \underset{8\ 2}{L}^{10}, \underset{9\ 0}{e}^9\}$ $T(e) = T$

$E = \{\underset{0\ 4}{i}^4, \underset{1\ 3}{A}^4, \underset{3\ 2}{C}^5, \underset{1\ 5}{B}^6, \underset{3\ 4}{D}^7, \underset{3\ 4}{E}^7, \underset{4\ 3}{G}^7, \underset{5\ 2}{I}^7, \underset{7\ 1}{K}^8, \underset{3\ 6}{F}^9, \underset{6\ 3}{J}^9, \underset{9\ 0}{e}^9\}$ $F = \{\underset{5\ 5}{H}^{10}, \underset{8\ 2}{L}^{10}\}$

Solución: i A D G I K e

