**Theorem 1.** Let  $\Phi = {\alpha} \cup \Phi^+$  be a data stucture with a bi-variate statistics

$$\Phi \to \mathbb{N} \times X \ ; \ p \mapsto s(p) = (n,k)$$

(X is set of labels) such that

$$s(\Phi^+) \subset \mathbb{N}^+ \times X$$

Set  $\Phi_n = \{p \in \Phi | pr_1(s(p)) = n\}$  and  $l(p) = pr_2(s(p))$  "label of p". We suppose that there exists a function "return to the father"

$$d: \Phi_{n+1} \to \Phi_n$$

such that  $p \mapsto (d(p), l(p))$  is into. Then, for  $p \in \Phi_n$ , the code

 $(l(p), l(d(p)), l(d^{2}(p)), \cdots l(d^{n-1}(p)))$ 

is into.