ESAME 25/6/2021

-in paralelo, V. mocuelos X en V.,

O(N/P) comm. steps. Probes

mergicamo per trovare duplicati

nor duplicati, nodo she receve eliminos
proprie eopie

- organi nodo alcola numero di suoi elmenti - moundane proprio valore aevanti per sommare $(0, \frac{N}{2}) + O(\frac{N}{2}) + O(4) = O(N)$

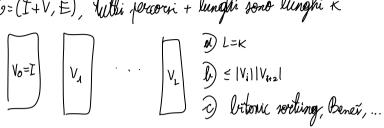
Providing B5 on CA: $T_{01}^{\mu}(N,\rho) = O(\rho) \cdot \frac{N}{\rho} = O(N); \quad T_{02}^{\mu}(\rho,\rho) = O(\rho)$

FS2: (a,b) stema rigge $\Rightarrow \phi(o), \phi(b)$ here rigge $\Rightarrow \exists !$ thoutest path (e,b) $\in E_i \ \forall j \in [0, d/2-1]$

(a,b|eE; \je[d/2,d-1) => olyende:

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ES2



FJ3:

$$\begin{array}{c}
C \\
\phi^{-1}(w_0) & \phi^{-1}(w_4) \\
\ell & |v| \cdot \ell
\end{array}$$

$$max(\phi^{-1}(w_0), \phi^{-1}(w_1)) = l \implies l \le |V|/2$$

 $|\phi^{-1}(w_0)| \le |\phi^{-1}(w_1)|$
respects: $\delta_G(n-l) = \delta_G(l)$

 $\widehat{\mathcal{L}}$ reporter 0 iff $S_6(l)=0 \Rightarrow pué recedere re grado non é conneno$

ES1: re el. reputatio = P12-1, dorrei broversi in persisioni (P12-2, P12-1, P12, P12+1) controlliamo # expolicioni per quegli elementi del: dele x, BPEADCATT(x)

$$V_i: b_j = \begin{cases} 0 & \times \neq X_i \\ 1 & \times = X_j \end{cases}$$
 # top $(x) = \sum_{j=0}^{n-1} X_j$

Louciamo proceno per ognano di quei 6 el.

altre sol.

∀j∈[0, P(2+i], mandiamo x_{3+PD-2} α v_j » offline rociting »

⇒ Berei

Problème 2: ujcli shift di sequencier = sori in ogni nodo ealviamo ×i e ×x+1 = > poi sontrolliamo