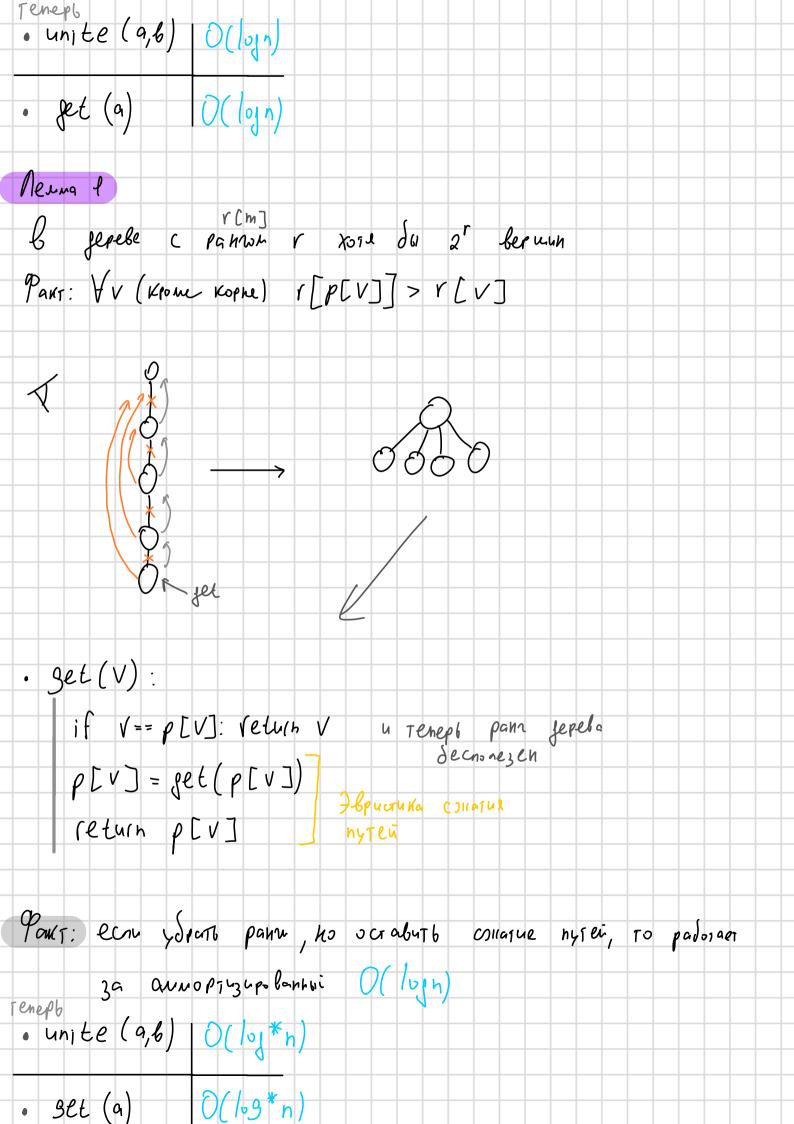


P[V] - popusent V r[V] - BUCOTA BEP MUMBI V 1) r[v] < r[u], 10ya 2) ([V] == ([U], Tongs Y) HKICH] · unite (9,6) a = get (a) b = jet (b) if a == b : letuin if [[a] > [b]: swap (a,b) Parrobal P[9] = B 7 BPUCTURA if ([a] == ([b]; ([b] +=)



Neuma 3: Kon-bo beruin b upynne g в группе д рант бывают ОТ F(3-1)+1 15 F(3) $\frac{n}{2^r} \leq \frac{n}{2^{F(3-1)+1}} \cdot \left(1 + \frac{1}{2} + \frac{1}{4} + \dots\right) = \frac{2n}{2^{F(3-1)+1}} = \frac{n}{2^{F(3-1)}} = \frac{n}{F(3)}$ m bbizobob get -> podojant za O(m loj*n)(npu m>n) ecru Glacen JA - { Kopenb Une CON Kophe } 2m B = { V: 3(V) = p(p[V])} mloj(n) C = { V: g(V) = g(p[V]) 3 n/g/h g(v) = g review F(g-1) + q, F(g) $F(g-1) + 2 \dots F(g) \rightarrow F(g) - (F(g-1) + a) + 1$ $\frac{1}{F(3)} \cdot \left(F(3) - F(3-1) - 1\right) \leq \frac{\log_{3}^{n}}{F(3)} \cdot F(3)$ max { A, B, C } = m/o/* n