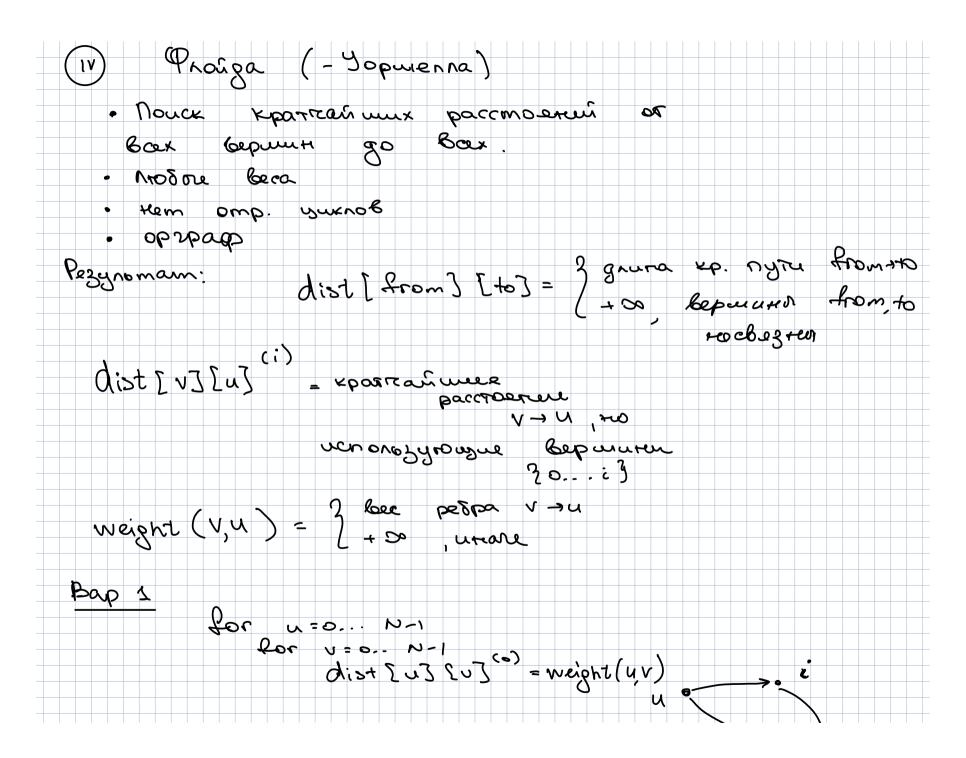


Lapruma. from weight [i-i) [mort] A Bap 2 dist = [+ 0.] 0=[2] Fzis for i=1... N-1: edges= C. get Edges () for e = 0... edges. size() to = edges [e] to neight = edes [e] neight ; f dist [to] > dist[from] + weight: dist [40] = dist [from] + weignt Acum morusu. T(NM) = 0 (NM) M (N,M) = 0 (N) 2 (MM) Coobreteur c Déixempa: 0 (N2+M)

 $|E(KN)| = \frac{N \cdot (N-1)}{2} \sim O(N^2)$ M ~ Q (N2) Boccmarcobreteus: M(N)= D(N2) A [1] [3 Previous [V][i] Kak nonam Ma S > 1 (N) 5) Cemo yekn ompen. Souren?

-> Banganun Breenreuß yakn euse 7 E cau zararenue Justie men voco -> ecmo suen. orp.
grunen -> Unare yourna men. b) Ynyrumue: dist repechan Kax morro break es overseu



```
for u=0 ... N-1:
               for 1+0... N-3:
                   dist[~][v][v] = min (dist[v][v]
                               dist[u][i](i-1) dist[i][v](i-1)
m(N)=2(N3)
                        dist [u] [v] = or Ben
Bap 2
         for u=0... N-1
            Por v=0.. N-1
                dist [u] Su] = weight (u,v)
         for i=0... N-1:
            for u=0... N-1;
              for 1-0... N-1.
                 dist [0][0] teib) nin = [0][v],
                              dist[u][i] + dist[i][v])
T(N)=0(N3)
```

