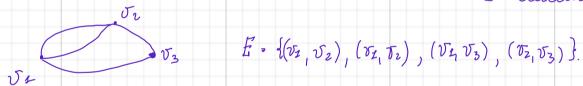
## Theopus yagoob.

$$G = \langle V, E \rangle$$

$$V \neq \phi, V \text{-converse};$$

$$E \subseteq V \times V;$$

- O  $v_i$  u  $v_i$  cure u  $v_i$   $v_i$
- $\mathcal{D}$ . Peopo le unungerenno  $v_i = k = (v_i, v_j), (\leq V \times E)$
- D. Thosp c remusiui ncebgorpass.
- D. That c epameaun përhanu-leyumurpas { E-re abs-cre seronceombon; }



- D. Comemens bepulleren v° − reuens urusuperimisons en hévép

  → deg (v);
- O. B currae appagna que bepuiuren appegenrem deg-(v)-noxoprigare crenerie, deg-(v)-brogringare crenerie,
- D. Bepulleno o rysulpokalland, leg (o) = 0,
- D Bepullens v belaerans, eaue deg (v) = 1

eleueur "O pyrononea meuex"  $\Sigma$  deg  $(v_i) = \lambda / E / .$ Сидотвие. В мобеш граде eucro bepuius c selvemoso comenesiso reinsio Способы задачиме учадров. 1) Manpelesa cuel nevocine : nyomo 17/= n => Anxn,  $a_{ij}$  -  $\begin{cases} 1, ecu & v_i & v_j - cueuenne bepunenne \\ 0, ecu & v_i & v_j - recueuenne bepunenne; \end{cases}$ ruecuo "1" = Z; deg (vī) = 2/E); 2) Manpuya unungennhocmu: |V| = n, |E| = m = n  $B_{n \times m}$ ,  $e_{1} = e_{2} = e_{3} = e_{4} = e_{5} = e_{6}$   $v_{1} = e_{3} = v_{2} = v_{3} = v_{4} = e_{5} = e_{6}$   $v_{2} = e_{3} = v_{4} = e_{5} = e_{6}$   $v_{3} = e_{4} = v_{5} = v_{5$ 

В стугае Орегентированного прада:

bij = { 1, lever i - 2 bepreuers - koreus j ri gyru; 0, else.

 $S_1 = \langle T_1, E_1 \rangle$ ;  $G_2 = \langle T_2, E_2 \rangle$ , Brauleno-oprignarno cook-e  $G_1$  ujoughapen  $G_2 (G_1 \cong G_2) <=>$  cyty-en Suekume  $Q: T_1 \to T_2$ . D. G1 = <Ts, E1); G2 = < T2, E27,  $(v_i, v_j) \in E_1 \iff (e(v_i), e(v_j)) \in E_2$ Français mags. Kn - mags en bepullemann, ti deg (vi) = n-1  $K_{2}:$   $V_{1}$   $V_{2}$   $V_{3}$   $V_{4}:$   $V_{3}$   $V_{4}:$   $V_{4}:$   $V_{4}:$   $V_{4}:$   $V_{4}:$   $V_{4}:$   $V_{5}$ Peux Kn =  $|E| = \frac{n \cdot (n-1)}{2}$  (no eleune o pykononcamus x\*) Deypressent page: /// V= V1 UV2;

e € E <=> e = (vi, v;), ye vi ∈ V1;

Tionent glypausuni yage: Km,n => |E| = m.n.

