3ag. 11 respa 6 lepxa a mada nouse Pen. Lony (Kame, le ga una uzo me part by EX. 11 respar bey Hero octabat 5 GEP Xa. $\frac{n(h-1)}{2} = \binom{n}{2}$ B chyzas $\binom{5}{2} = \frac{5\cdot 1}{2} = 10$ $\frac{3ag}{V}$. $\frac{1}{V}$. $\frac{3ag}{V}$. $\frac{1}{V}$. $\frac{3ag}{V}$. $\frac{1}{V}$.

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M= $\begin{cases} V_0, V_1, V_2, V_3 - V_{K-2} \\ V_{K-1}, V_{K-2}, V_{K-2} \\ V_{K-1}, V_{K-2}, V_{K-3}, V_{K-1} \\ V_{K-1} - V_{K-2}, V_{K-1} - V_{K-1} \\ V_{K-1} - V_{K-1} - V_{K-1} \\ V_{K-1} - V_{K-$

3ay, Laget e mat 6 (V,E). Ped poto et ce tapura moi 6 mata, ano nom orapathero my ce ylemezaba opost ta clopsature tomostente b mata. Lok o ano benezu 6 pxobl the roada. Lok o ano benezu 60 pxobl the roada a ot rette are net mo mon the argopetha moot.

Pey.

G₁ u ! (VG₂) Capzertu von n.

Lou, ce $\forall v \in V$, $\partial(v) = 0$ (mod 2) u & or una nacr. Hera regu moit e nothing cloop gutrite to m nother GruGrz $G_1 \subseteq G_1, G_2 \subseteq G_1$

61 = G, G, E G.

WE VI

VE VI



34even, re d'un e restro, venero u d'un estro. Hera pasta, clos pzatrete ron no Hettra tra Go dez Gz.

G'= G', Giz. Toraba dus craba Herestro. +WEV, u+W dw) e restro.

=) Zd(a) e Hereito / Balo Been mad zd6) = 2/E/

=> 8 marga 19mm novioble.

Bay Typhup e opuentrupan ypart Gi(V,E), le kouto beeku gla lopace Vi u Vi ca esperantu c mortro eg to ped po (um (Vi,Vi) EE, um (Vi,Vi) EE). La ce gox. Te lobe been typhup of upoct not, vouto cegopuna becuru co pxobe the mar. (Xanuatoro b not).

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Peur, Me non uttergrups. (no V) 1 baza: VI=1, Slotto e ze una Xam not 6 mada.
Xam not le mada.
2. UP Hexa bab becake Lyphup C
M GENXO UNA XAM. NOI.
3. UC Pazra. Grust - 19phup - 1
Hera antieV. Unamere G'(V)(anti), E') P. Turstur C. V'= N
e Typttup c IVI=n. "o un b 6' una Xan. not. Hera Toba e:
$P = a_1 \rightarrow a_2 \rightarrow a_3 \rightarrow \dots \rightarrow a_{n-1} \rightarrow a_n$
ant and Culous & Co
D clark colonie & =) confect offer a oc
May 10 6 G HAMA XAM, NET. Toraba
Jon, се в Ст ична Хам. път. Тогава ще поканнем ге (ai, an+1) Е Е, i=1n 3.1. база: Ако (an+1, a1) Е Е, то полугавана

=> (an+1, a1) EE => (a1, an+1) EE 3.2. UN Hera $(a_i, a_{n+1}) \in E$, $a_1 \quad a_2 \quad a_3 \quad a_i \quad a_{i+1} \rightarrow \cdots \rightarrow 0$ Toralea, aco (anti, a; +1) EE, TO nak ye nonyeun Xan. nov: an -yaz --- ai- anti aiti -an et long che 70 (ant 1, ait1) (E => (ait1, ant1) & E $\Rightarrow (a_i, a_{n+1}) \in E$ za $\forall i=1...n$ Ho & Taxob nonyzalame: $a_1 \rightarrow a_2 \rightarrow --- \rightarrow a_n$ 3 anti Toralea a1 -> a2 -> a3->-...an- ant1 e Xam. not 2 Ханитонов път.

=) D UI WHILL

Bay da ce gokite matter 6(V,E) e glygenett Totto moraba, corato He coge puta yuktor a Hetertha crenett. Peur. => Hera G(V,E) e gloggeness. ⇒3 V1, V2 C V: V1UV2= V ~ Y1 ∩ V2 = Ø ~ + (u,v)EE (ue4 ~ ve V2)

1. CM. & G. HAMA USUKMU. => IRMA HEZETTEL VOUKMU. Les B Grung noute equet buxes Aon, re unave vouxoi c'Héretta

gbaltura. 5.0.0 Tou so zanozla ot ueV1 Ha Goska Menka et weken uje cheustie grobere (et V1 bile V2 um et V2 bib V1)

=> C Hezerett opon oroneu zanozeany

OT V1 use ce oxatter 66 & V2 leuteur. >> HRMA KOK GOL WHOLE USUXBA Y => BUKU YUKBA le gleggenett rpa de C zertte genettutta.
> Hema rak ga una yux61 y
=> BURKU YUKER & gleggenett spart
c zertte genttuta.
1 5.0.0 = 5ez ornaturettue Ha of y touring
x+y=5 (a,b) $ xy=10 (b,a)$
Hena & G(V,E) HAMA WILLEN CHROTTER
grenatuta.
Jar. B GWE) ARIA S
=> Barrie my clospolism soprim.
gepliera (Ge ropa)
0 -> Baro geples e guygen
1 - PAD mad.
Jos. B & (V.E) Herry Barrier. => Barriere my chaptien komm. ca gentera (& e ropa) 0 -> Barro geplo e gleggent 1-> e p p p map. 2-> e p p p map. 1-> e p p p p map.
- restate mole - restate mole
- HEZEITHURE COURSE
V1={a,c,f,g} V2={e,c,d}

Topara e gleggeness mad leugo!
Ila. B & una yurne. Hera cheggestorto e yuron 6 Gr:
$\rho = a_1 - a_2 - a_3 - \dots - a_n$
DENHALITA HA PEN N CACTETHA GENERAL GARAGE (ano una taruba) cac e zetta generale \Rightarrow N e zetto, Hera $A = \{a_k \mid k \text{ e retto}\}$
Hera a; a; EA => i, j ca Herestille Aonze una (a; a;) EE. Torcha nonyzalane
$a_i - a_{i+1} - a_{i+2} a_{j-1} - a_j$
Montheutra Ha Togu vouxon e j-i+1,

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 \Rightarrow $(\alpha_i, \alpha_j) \notin E$, $\alpha_i, \alpha_j \in A$ Attanomizatio $(\alpha_i, \alpha_j) \notin E$, $\alpha_i, \alpha_j \in B$ Monjee FXEV: Faiet , FaieB, (aix) EE ~ (x,a) EE (x,a;16E) (a;x) EE(i e Herestho, ze restro) 6.0.0 izj. Toraba uname! p=a1-a2----ai-x=aj-aj+1----an > fixeV: Ja; EA Ja; EB: (a; X) E (x,a)ef

>> txEV monte ga ce mmodique
tou egitara yryna.
toutenta youna. Taka nonyrabana 27a grna.
$V_1 \ge A$, $V_2 \ge B$
-> G e gley glrett
3 ag. Lok, ce bob boeku Heopmett. yad una not of boeku book c Herette crenett yo gryz box c Herette crenett yo gryz box c
mad una not or been 6p3x c
Herettle crevett yo gryz opex
Heresta ciennet.
3 cy Pedpata 6 K6 Ca oyletetta 6 Cutto u zeplato. Aox, re le K6 una Trubrantuk c egoroylettu pedpa
CUHBO U ZEPRONTO. AOK, ZE LE RG UMA
Thursenting c editorisettly make
// or usnut 2021 //
15 pleet a
def Dr nam
.T(V,E) e gaples => 1) Te la proud
2) R'T LAMA KUKM

· VEV e micro le T(V, r,
v +1e
co obt

do ho og 2) pT wing yours BT(U, E) Let U)=1 u v He e ropet · Pazeno Hettoct the leptox 5(v)= K, VEV => v una k gega * K-wetto grapho Jef trev s(v) < K-wetto grapho L) trev s(v) < K k=2

3ag. Hera & (V.E) una notte gla benxa. Lox, re creg trute Topgestus ca exleubæxent nu:

