Hama Emercationas zagara - copopulyumphatib u gokazatus neotrogunne u gocmamorni yceobene ia senstenono bocini spacja b inepuentan za usikapies spacja.

Blegen woknemie za usikapies spacja G. Paccuompun spacj G nopigka n. to spacji Got hocza un uocnegobame estrocius spacjob:

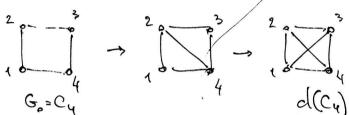
Go - Go - Go - Gk-1 - Gk

E amoi nocrego bamero reoctue replosir pap - part Go - coluagación c parpose G. part

Gi = Gi-1 + {u,v}, rge {u,v} & E(Gi): deg(u)+deg(v)>n.

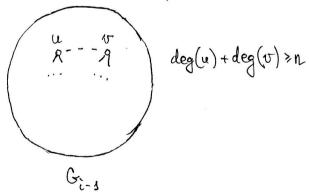
i=1,2,..,k,

Ecu brhade Gk kem gbys pazurzturz kecuenckor bepunn cyana cmenench komopra > n, ro rfad Gk kaz-er za ubrkahnen rfada G. Millimanian u b ron cuy-zae ucuonszyen erbyharenne d(G).

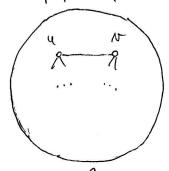


Teofera. Mad Gramusburokoh (=> d(G) ramusburokoh

Dok-bo. "=> " tryanto G-ramusbuonolo rfato, m.e. lo rpape G came ramusbronolo que C. Mer goodbisen lo rpape G peopa oupegené humi ospazon u hompaen zamo kanne rfato G. Scho, ro yuki C cogepnantae lo samo kahun Do see roto on orgenamento problem u lo zamo kanun to rromy zamo kanun rpapa G ebiserco ramusbron." " = " Des Tore, roots gokazatis ymbepricaence la orpansyro curationy gocinamions motoragains, ruis ècen G; raminorokab, ro u réado G; rak me raminorokab. B (i-1) en réade ective gle recurenceme beparent u u v cymus curenent toroport re neurone n. Kapuntuca zgeco makas



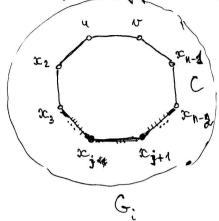
Mos coequires peopos before to u vougraen por efect G:



Тусть праф в гаминьтонов, ше в прафе в есть гаминьтонов ушел С.

Ecre mon ques C re upo roquin no peops qu'er, no mon ques ectre u b sperfe Gi-1. Posee une mon mon ques absserves sa mende lo (i-1)-n spape u (i-1)-ù spap sa mende.

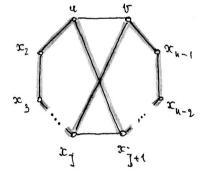
Tyrus memps yerre C b i-u spage cogoqueum peopo furvy. Kapunina zgers marae.



Di-en epape ecues bepuner  $u_1v$ . Ocua estère bepuner épapa oбoznamen mak  $x_2, x_3, ...,$ 

x1-71 x1-1

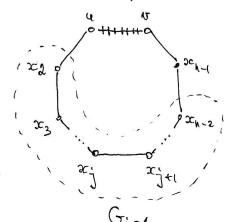
Ynderngaeuce, ruis cymean byroin she cocegnue befounds yntre - befounds  $x_j = x_j + 1$  makue, ruis du  $x_j + 1 \in E(G)$  u  $\{x_j = x_j\} \in E(G)$ . Inom fakti us goka voen ryink nozuce. Yn rushbae smoin fakti, us nomeen hepecuponius ramusbuodob quice mak, erosty b hen he bygein peoper  $\{u,v\}$ .



Icro, ruo robrii inche Eggen ramentempholin l'(i-1)-4 page u le (i-1)-û pag rames.

toremy hanginas makre gle befinnen x; u x;+1? Dongamun, ruo mean x gbyx beginnen nem. Donnen nongrams upomu boperne.

Paccueoupen acceptoin a unionohor que C, tomopour cogequeum peopo da, or t. e. b (i-1)-u rafe hem peopo da, or , mo b &(i-1)- e apape unes C upespansaemes b upocuryo nens



Paccasompre un-le bepure  $U = \{x_2, x_3, ..., x_{n-2}\}.$ Hac unreflection ne bee bepuisses un-ball. Bepuisses un-ball, cue en me e bepuisses v, oroznames P  $P = \{ x_i \in U : \{x_{i,1}, y_i \in E(G_{i-1})\}.$ deg(v) = |P| + 1 (+1, nousey rue bepunha r avenue c  $x_{n-1}$ , koropae ke bxogur 6 eu 6 P). Écus bepuisses y hourseencien mu-by P, un one execute c bepuisse v, u, cues-bore rece, ciegglomere befuisse xjt, ke cuentee c bepuisses u. Brazis befuisses u ke cue une un spoisseir repe c [P] befuissem, r.e. dog(u) < (n-2) - |P| // beers berneue b grade n, energe bepund // ha u, mentye berneue v (r.c. a he energy)
// Ha c v) u munye |P| berneue  $deg(u) + deg(v) \le n-2 - |P| + |Pf+1 = n-1$ . Thomasopera cueu, 200 b G: 1 deg(a) + deg(a) > n Cregambre (goamanarroe y arabue ramerromonoboare, O.Ope). Eau b yape G, IGH, gus suostra heaveneure before a, v formansemen. deg(u)+deg(v)?n, mo yad Grammonol. Dok-les. La un talune « forfa G lifegemaliset cosoti no enout yad, n.e. c(G) = Kiej tomen et pad (G) a nouvembre pad. Crejob. u can yad G la menomonol. Caegantue (goanomornoe garolone caentomoroboan, l.Dujar). Lan 6 yape 6, 161=
conenero kamesa bepunitor le menome, ren 1/2 deg (10 ) > 1/2 no yat G raemenoushels.

(2