KÜHXXH Handig HXN de Xh Xem ling Handilh k

‡ή Hiaį" Ë ḤHXkXem Ēj' Hāth āļāk" Ēbrājā ĀHXĻHHX ḤH 6 ĒXh ālāNXQX erān

‡ἡ嶞ἴgễth "ḤNkXemm h ān ੈ H hố X쁜 ḤNkXemm l § "Ḥlf Nhdhếtố Hố nễ VV e l " ố e khh l nXn ễ kat ẫx hì h ān ੈ Ḥ m r h

split(S,Q)

gā $S\subset U$ \" ę U āṣķĀdň X NāṣJādň h̥kā R ốẹ ḥKÈ Vàt ẹX 6āṣ ḥā kố U h\ā X I $R\subset U\times U$ ɪ h̥X kā Q ốẹ Ḥ ḤhāVāt ẹX I āU ĥ

$$split(S,Q) = \begin{cases} B & \text{se B \`e un blocco di Q stabile rispetto a S (rispetto a R)} \\ \{B \cap R^{-1}(S), B - R^{-1}(S)\} & \text{altrimenti} \end{cases}$$

Ēļ Hļa km lā ĢļĀ

- 5 ĥS Xốẹ" $ar{Q}$ $ar{Q}$ $ar{Z}$ ềḤXḤ $Q\iff split(S,Q)
 eq Q \iff Q$ X Lễṇ ki mô đầX Hạk HX triền S
- 6 ĥg X Q' X ốẹ ḤākāḍātốḤ I āQĥX Q X km6 āŠX ḤākḤXmm $S \implies Q'$ X km6 āŠX ḤākḤXmm S
- 7 ĥg X Q X ķm 6 đữ (địc Hưởi $S_1,S_2 \implies Q$ X ķm 6 đữ (địc Hưởi $S_1 \cup S_2$
- 8 ἡ̂l " ẹ" rhẹā ʿHḳX Q' Xốẹ ਫ਼ੈਐਫਫ਼ੈਰੇਨਰਿੱਖ l ਰੇ $Q\implies split(S,Q')$ Xốẹ ਫ਼ੈਐਫਫ਼ੈਰੇਨਰਿੱਖ l ਰੇsplit(S,Q)
- $^{ au}$ ἡb" ȟ ȟ ốm rã, ām ˈH $^{ au}$ plit(S,split(Q,P))=split(Q,split(S,P))

2 Επ)" [tāth " ής ā Χή

Ô" ę X lęX (Xkk, latők, latí)" h X \$\bar{G} \bar{Q} \bar{U} \bar{Z} \bar{e} \b

2 lb " Hath" hNJknh

$$B' = B \cap E^{-1}(U), \qquad B'' = B - E^{-1}(U)$$

- 5 ក់ំ្រុ 4 ț ốẹ 6 \mathbb{B} ្្រ $S \in X: S
 otin Q$
- ିଂ ମ୍ବୃୟୁଂ $\mathbf{1}$ ṭ ốẹ 6 $\ddot{\mathbb{E}}$ େ $B\in Q:B\subset S\wedge |B|\leq rac{|S|}{2}$
- $^{\circ}$ ἡĖā˙n Ḥā WW B āẹ Q \" ẹ split(S-B,split(B,Q))

b k" Nốdẹ Viễt ẹ BX HI §" ḤÌ ḤÌ Nhiai

gốḤḤ' ẹnj' \ÜX

$$\forall x \in U | E(\{x\})| = 1, \operatorname{cioè} \forall x \ \exists ! y \in U : E(x, y)$$
 (1)

gā Q ốẹ Hị Hiễ Vềt ẹX lãU ngữ $S=\cup_{i=1}^n b_i$ \" ẹ $b_i\in Q$ ngố Hị 'ệ nj" Q ki mớc để kỳ Tắk Hị Xi th S ngữ $B\subset S$ ngữ Q ki mớc để kỳ Tắk Hị Xi th S ngữ Q ki mớc S ngữ Q ngữ Q ki mớc S ngữ Q ki m

$$split(B,Q)$$
 è stabile rispetto a $S-B$

APINJHÖĞİ kā $B_1 \in Q$ $\mathring{\eta}$

- kX B_1 XH ốẹ 6 🖺 \ ไ" l ảQ nặi km 6 🛣 kh kH XH B Hồ ốại l ả B_1 ẹ" ẹ X (h 6 ả m x n l 🖺 H

 - $\circ B_1\cap E^{-1}(B)=\emptyset$ ἡĖđį" Họi" l $ar{f U}$ X B_1 XH n $ar{f B}$ ốẹ 6 $ar{f E}$ l $ar{f U}$ " I āQ ķṁ6 $ar{f B}$ X H $ar{f A}$ XH $ar{f M}$
 - ୍ ଦି" eୁ ḤốB̞ Xṣṣṣ̣X̞ૠ $B_1\subset E^{-1}(S)$ ἦḤX̞ન ÜXI $B_1\cap E^{-1}(B)=\emptyset$ X $B\subset S$
 - $lacksquare B_1\cap E^{-1}(S)=\emptyset \implies B_1\cap E^{-1}(S-B)=\emptyset$
- $k \times B_1 \times k$ k m m n $k \in X$ H m l őe" \bar{G} / \bar{G}
 - $\circ \ B_1=\widetilde{B}\cap E^{-1}(B)$ ḤN̤-Hó ਬূ៉ៃÜX 6 உழு \cong I Xṭ X XķķN̤-X ਦਿੱਕੂ Ḥ hǐ XẹnX $B_1\cap E^{-1}(S-B)=\emptyset$ ḤN̤-B ்ரீ I
 - $\circ \ B_1 = \widetilde{B} E^{-1}(B)$ ḤຼN̤Ḧn̈ớ ຢູ້ເป៊ັx 6 ຂື ໄໄ້ " $\widetilde{B} \in Q$
 - $\bullet \ \widetilde{B} \subset E^{-1}(S) \implies \widetilde{B} E^{-1}(B) \subset E^{-1}(S B)$

 $\begin{tabular}{ll} \blacksquare & \widetilde{B} \cap E^{-1}(S) = \emptyset \implies \widetilde{B} \cap E^{-1}(B) = \emptyset \implies B_1 = \widetilde{B} - E^{-1}(B) = \widetilde{B} \mathring{\eta} \\ & \mathring{\mathsf{h}} & \mathring{\mathsf{$