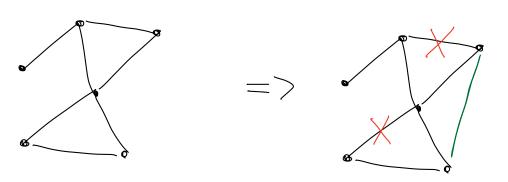


Una gerent, een dogs (pedje l njuge) nengg zenpeinleren pegenoriomber



ggodne $\begin{cases} M - mixing venjuge \\ X^{k=1} = MX^k \leftarrow unequipal gossip b vonjugue bye$

Ousunomo gossio margagnos Thegranomena re maso a M: 1) chaquem maga (momo occusiono re repuez. Ingamo)

$$\leq \left| \lambda_{\max} (M) \right| \cdot \left| \left| \chi^{k} - \overline{\chi}^{\circ} \right| \right|_{2}$$

$$\lambda_{\max} (M) = 1 \quad \text{get conox manyons}$$

$$\lambda (M) \in (-1, 1)$$

$$= \left| \left| \chi^{k} - \overline{\chi}^{\circ} \right| \right|_{2}$$

$$\text{Sugnition tremy :-(}$$

no ma re mosiène:

Into the hypostation
$$(.b. = 1)$$

$$\chi(M) = 1$$
 coordeenbyen $(.b. = 1)$

$$(x^{k}-x^{\circ}) \parallel 1 \implies x^{k} \parallel 1$$

$$\parallel 1 \qquad \qquad x^{k} \text{ pro yepsen}$$

$$gossip he hyper - be yepsene$$

$$(x^{k} - \overline{x}^{\circ}) \times 1$$

$$(x^{k} - \overline{x}^{\circ}) \in (\operatorname{span}(1))^{\perp}$$

$$\operatorname{lom} \operatorname{gecs} |\chi_{\max}(M)| < 1$$

$$||x^{k+1} - \overline{x}^{\circ}||_{2} \leq |\chi_{\max}(M)| / |x^{k} - \overline{x}^{\circ}||_{2}$$

$$\operatorname{nomeny} ||x^{k} \to \overline{x}^{\circ}|$$

- + uneinal scogurscas
- E morgegype remornas
- Juliumomb om borismb pegre " M

Ver bezont c commungaques ? mero unepergue (Sorome, neu eyene wormens (+) van Szemo Su negacine ulang - humanemie ormory yezegrenno (+) your c moren years vennymergen Dulmoz tel exegunes ge nomore penems uz-za 1105m(x*)112 $\nabla S_{n}(x^{6}) \rightarrow \nabla S_{n}(x^{6}) \longrightarrow =0$ never b, geregner" gegegneme he menore X, ne DS $abla f_m(x^k) \rightarrow y^k_m$ $x_{m}^{(r+1/2)} = x_{m}^{(r-1/2)} = x_{m}^{(r-1/2)}$ X m - c naveryore gossip 1 cmepageur g | (+1/2) = y = y = + D fn (x = 1) - D fn (x = 1) y kil - c nemousoic gossi p 1 mapaignes

Bre, me oSergagerors: M -> M(k)