The R-M. c 1, R'={aER|bER; ab=60=e4 (MHorn. of odjusturine en.). Torda (R*,.) e spyra Dop R* - regnorationa sp. 100 R $T_{f} \left(M_{n}(F) \right)^{*} = GL_{n}(F)$ D-la koncro 3a GLn (F) - a, a, ER == 36, b2 ER: a, b, = 6,0, -ab2= b202 = e $(a_1a_2)(b_2b_1) = (b_2b_1)(a_1a_2) = e^{b_2b_4}(a_1a_2) = e^{b_2b_4}(a_1a_2)(a_1a_2) = e^{b_2b_4}(a_1a_2)(a_1a_2) = e^{b_2b_4}(a_1a_2)(a_1a_2) = e^{b_2b_4}(a_1a_2)(a_1a_2) = e^{b_2b_4}(a_1a_2)(a_1a_2) = e^{b_2b_4}(a_1a_2)(a_1a_2) = e^{b_2b_4}(a_1a_2)(a_1a_2)(a_1a_2) = e^{b_2b_4}(a_1a_2)(a_1$ - acoy & R-my-- le=e = le ex. fa ex re=co=o & Ray.c I

$$- \forall \alpha \in R^* \quad \exists \alpha' \in R^* : \quad \alpha \alpha' = \alpha' \alpha' = e$$

$$\alpha \in R^* =) \exists b \in R^* : \quad \alpha b = b\alpha = e. \quad \forall \beta b \in R^*$$

$$b \in R^* \quad (c \quad \alpha')$$

$$\exists \alpha b \in R^* \quad (c \quad \alpha')$$

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V-15 - NE → 10 e(X)= NU - box-mono avgato copencho, XCU < V were Experien X - 1U < > Xomomor tosum! Na avgatope e argupag. (G) up ; g, b EG ~ 1K -> Jh, hg, gg-1=e, g-1h-1, gh-1, h-g-1, gh-14=g, ghjh, gnhn, gg d- your, byrden, von, vone; Aun. Sporty. Dry, Arco Re L u SCR, Koslove, re Sa org L, ores Se L'ornours step. bak 22= {22/2629 Magnyzain na Z (mana L) 6 24 D, 10 Hacreyen of 4 f: 2 - 2K 2 M 2E (2 21) (221): = 2(2, +2) | 2 le moisser (2 21) (2 22): = 2(2, 2) | c 1 - 2.1 Suercy

(2K, D, O) re e avgnørien na U 300. Heren Ret u Ri, i EI ca nogt. Toulen 1) Ri cross e orgt Opp. Redixer, <X>= NU X = U / feor - homes (organia) U- nogt no R 305.1/L=NU -1 (X)=e(X) 2) L= ypyror. $\langle X \rangle = \begin{cases} X_{1}^{\xi_{1}} \times_{\xi_{2}}^{\xi_{2}} - \sum_{n=1}^{\xi_{n}} \left| n \in WU \right| \delta^{\gamma}, \ X_{1} - \lambda_{n} \in X, \ \varepsilon_{i} = \pm i \end{cases}$ Misejapernynt: porn grynn Francour at 23 dynen X V X⁻¹ (X⁻¹ = {x⁻¹ | x (- X /) e o h ep. Koline wienen gre (che alle)