6. Pezgaspkocm

The $L \subseteq \Sigma^*$. Leabhornanek (pergrapex)

(=> $|\sum_{N_{L}}| < \infty$ The (Nera ga noxar baxemo) $L \subseteq \Sigma^*$, L - pergrapex $=> (\exists n \in N)(\forall \alpha \in L, |\alpha| \ge n) (\exists u, v, w \in \Sigma^*) ()$ $\alpha = uvw$ & $|v| \ge 1$ & $|uv| \le n$ & $|uv| \le n$ & $|uv| \le n$ & $|uv| \le n$ & $|v| \ge n$ ($|v| \le n$)

Badenemea Moba e clobo, roemo momem ga uznonzbare zamo krumenu a ga kepezgnephoch, m.e. $19(L) \implies L$ He e pezgnepen.

Zargry Donameme, re 2 He e pergrépen a) L = 2 a m 6 n / m, n EN 8 m < n } S) 2 = {a" | ne Ne mpoeno} les L = Ean/n = p.g & p.g e N ca upocmu } Bapus in e, re L'es { wer | we L's e pergrapen? Basars Mexa 2 E E a persuapen Bajno nu e, re Ls = {www / wel} e pregnapen? Sasara Hera $L \subseteq \Sigma$ e pergrepex, $\Sigma = \{a, b, c\}$ Bapro nu e re Sort(L) = $\{a^{|\omega|_a} b^{|\omega|_b} c^{|\omega|_c} \mid \omega \in L\}$ e pergnapen. Sagara Bejono un eine 3ª Brenn prengaepren ezux LEE* u za beenn ezun KEÉ ezuxon 5(K,L) = { U \ Z \ /(\frac{1}{2}u \ \epsilon K) (uv \ \epsilon L) }

e pergnoper.