Teoperen Kelini npo nepyxoley torky (gur ingereneex PP)

Teopeura. Due komenoï (n+1)-apnoï PP $f(z,\bar{x})$ icuy \in n-apna PP $g(\bar{x})$:

 $Y_{s(g(\overline{x}),\overline{x})} = Y_{g(\overline{x})}$, gua biex zuarene $x_1, x_n \in N$

Тут $g(\bar{x})$ -нерухома тогка (HT),

Copousereur bapiaum (gus n=0):

 $\forall PP f(x) \exists n \in \mathbb{N} : \varphi_n = \varphi_{f(n)}$.

Ve ke oznarat n = f(n), mym n ma f(n) -Haueper mit cauci 4PP. Tony yi meoperen norka kazbamer teoperioren npo ncebgohepyxony morky,

Hacigor. ₹ PP f(x) ∃n∈N:

 $\mathcal{D}_n = \mathcal{D}_{f(n)}$ ma $E_n = E_{f(n)}$.

Heppiene gopnymbanne Knieini. ₩ 4PP h(z,x) InEN: h(n,x)=Yn(x), txeN.

Expernubreur bapiann. Jenne PP d(x): gels beix n + N skupo 9n-P9, to Pgn(x(n))=Px(n). Тобто можена ефективно визнагати НТ. Des romenoi PP f(x) icuye emporo lionoronna zpocrasora PP L(x): If(L(n))=L(n), In. Omnee, renoncerna HT komenoi PP Heckinsenna! #PPf(x) \K=m: \G(K)=\m ma m>K. He ienge npupagnux agnoznamenx egrermubnux nyueparsier 4PP: akujo I-bengu buznarena ma 1) emporo Monomorna; 2) oghoznarna kyllepayur ka ingercax: 4f(m) +4f(n) nper m+n; 3) f(m)-Haimuerum ranep 9-i Pf(m) => moge I - He 4PP.

MHP-rporpalia P camorbipna, axugo $\forall x \in \mathbb{N}$ bona robepma e cliù nomes $\tau(P)$, Taxi rporpame icuyoms!

Bizamento 4PP h(z,x)=z. 3a replicament gornyumbannent Kiini meopenent rpo HT, ichye neN: $h(n,x)=Y_n(x)$, get beix $x \in N$.

Other, $\Psi_n(x) = h(n,x) = n$, Ψ_X i rporpara P_n -weykaka.