20 + hputepui 3A NHTEPPYEMOCHA OBYHKILMA D'Heba f(x,y) e orpathiretta bispay izueprincia o no Mapquit muolle autho GCR u $\tau = \{Gi\}_{i=1}^n - pazdupathe Ha G.$ mi=inff(xy); Mi=supf(xy) $S_{\tau} = \sum_{i=1}^{\infty} w_{i} \omega_{i}(G_{i}); S_{\tau} = \sum_{i=1}^{6} \mathcal{M}_{i}, \omega_{i}(G_{i})$ MAKA CYMA CONSIMA CYMA HA AAPBY Cleonin 60! 1) YT = {6;3, 1, 4 = {5; 66;3, =1 = 1 ST = 3 TT (f, 5) = ST DHeba T'= {Qj}j=1 u T= {Gi}i=1. Hazbane, re T' CIESBAT, ako Yj=I,T Jie[1,N]: QjCGi. Banuchame TKT 3 Heka T'= {Qj}j=1, T= {Gi}i=1 u T'XT = D ST < ST' < ST' < ST Dokazawenciilo: Jul. TXT = V J= 1,T]:Q; CG; $\{Q_{j}, Q_{j}, C_{0}\} = \{Q_{j}\}_{j=1}^{n}$ $M_j = \sup_{Q_j} f(x_i Q_j) \quad j = T_i T_j ; i = T_i N_j$ $M_j = \sup_{Q_j} f(x_i Q_j) \quad j = T_i T_j ; i = T_i N_j$ $M_i = \sup_{x \in A} f(x,y)$ i = 1,N $Mj = \sup_{Q \in \mathcal{P}} \{(x, y) \ j = \overline{1, T}$ $S_{t} = \sum_{j=1}^{t} \overline{M}_{j}.u(Q_{j}) = \sum_{j=1}^{t} \overline{M}_{j}.u(Q_{j}) \leq \sum_{j=1}^{t} \overline{M}_{j}.u(Q_{j}) = \sum_{j=1}^{t} \overline{M}_{j}$ $=\sum_{i=1}^{N}\mathcal{U}_{i}\sum_{j=1}^{N}\mathcal{U}_{i}(Q_{j}^{i})=\sum_{i=1}^{N}\mathcal{U}_{i},\mathcal{U}_{i}(G_{i})=S_{\tau}$ ananouver ja neankuite

-1-

Where $T'=\{0\}_{j=1}^{\infty}, T=\{G_i\}_{i=1}^{\infty}$ ca paroubantus na G. Thoraba St' = St Dokazatuence lo: T"= {Q, n6i} = > T" \T' u T" \T => ST = ST = ST = ST DI = Sup St - ADAEH } UHTETPAN HX LAPBY

I = inf St - TOPEH $\text{GNT} = \{G_i\}_{i=1}^{N} = D \text{ Si} \leq \underline{I} \leq \overline{I} \leq S_{\overline{I}}$ Thentepun 3x UNTERPYEMOUT Heka f(x,y) e orpanimenta bropxy uzuepenouro no Mopgan Missiceaulos GCR2. Fytheyrama f(xy) e univerpyena Bropxy GO=D 48>0 38=5(E)>0: 4= EGi3;=1: STCS =D ST-STCE D'Heka f(x,y) e geophithipatha u orphithiretta Bropsy GCIR3. Konebathire tha f(x,y) Bropsy G le Hapivea w(f)=U-u, brogenio m=infd(x,y); U=supf(x,y). To Thomesamuera on the $f(xiy) = \sup\{f(x',y') - f(x'',y'')\}$ The Thomesamuera a univergeneous a spyring symmetry of the stronger of the strong ecquio w;(f)=lli-m;] CUMEN KPUTEPH À 34 NHTERPYEMOCT Orpatharethania degulações flx,y) e univerpora boxxy 4870 FT= {613 i=1:50-57 < E