```
29/ Oup-(R): g=g(+)=R, O= = 20
                                    BR(6): 410, 9): 04 0 = 21, 0 € 9 € b3
                                        S(BR(0))= 12 J R2 d D = 12 K2. J 1 d D = K2 2+ 4 2 = TR
          · P= 9(1+(050), 0 ≤ 0 ≤ 2#
                       = \frac{a^2}{2} \int_{0}^{2\pi} \int_{0}^{2
                                                 = \frac{\alpha^{2}}{2} \left[ \frac{2\pi}{2} + 2 \sin \theta \right]^{2\pi} + \frac{1}{2} \left( \frac{2\pi}{2} + \frac{1}{2} \sin 2\theta \right) \left[ \frac{2\pi}{2} \right]^{2\pi} 
                                                 = \a2 (271 LTT) = \frac{3}{2} T1 a^2
                                                 8. Oden na mano e usbectho hampetho cecenut.
                                                                                                                                              OTEM na porcuyuonno rana
        Sett= <a, b,>x <a2, b2>x <a3, b3>, K60€TO a, bi € h
                                                                                                                             BEOMPELLINGET Ha TT: TT = (a, b,) x (a2, b2) x (a3, 63)
                                                                                                                               Del Knetterno tano napurant & MM. K= U, Ti;
    DOJI V(TI)= [6,-0,) (62-02) (63-03)- OJEM NO TT ) V(TK)= 2 V(Tr) - OTEM NA KN. TONO
Del Hera \Omega ch³ hasbant, te \Omega e usufpuno m-60/79 no, and so te te 70, J vin teno K, K: \Lambda) ke \Omega ch X (K) = X (X) = X
                                                                                                  V(II)= sup V(K)= int V(K)
 THERE DE - USUFPUNO U-bo 6 R3 8-60:

+ KNETECHO H-bo KX: KC DCK-7 V(K) < V(K)

=> 7 V(K) = SUP K(K) = B(K)
                  2) 7 int & (X) =) &(k) = sup &(k) & inj &(k) & &(X) 3a & k, X & cack
                   => NO V(I) + OUTH HARRIV(I) = int V(K)
               ring V(N) & V(K)
                  - sup V(K) &-V(K)
```

=> int V(K)-sup V(K) < 18(K) - 18(K) < 18(Ke)-18(KE) < E Œ-UBUEPULUO H-60 ≥) ¥ €>0: ∃ K, k: 1) K€ C-1-C X €
2) V(Xε)-V(Kε) ∠ € => intv(x) - supv(x) =0 intervier = sup V(K)=) nuyero & III IMANOTO Q E UBLIEDUMO (=) Ba K EDO, F UBLI. TENQ: E, F: DECLREF 2)V(F)-V(E)CE 291 HGKa GCR2, h >0 Unom. $u_1(G) = \{(x,y,z): (x,y) \in G, 0 \in z \in h \} \subset R^3$ CF hapira yunumber e oon. G $G = \{(x,y,z): (x,y) \in G, z = 0 \} \setminus Och. hap$ $<math>G = \{(x,y,z): (x,y) \in G, z = h \} \setminus Och. hap$ $<math>G = \{(x,y,z): (x,y) \in G, z = h \} \setminus Och. hap$ SHELLA GCRZ C USHEPUNO MH, h > 0 => (y(G)=1(x,y,z)-1x,y) = G, 0 = z = h g e u34. H-bo u of ENG (1) G-434. U-60=> + E 50, F KM. MM-6a K Le X: P(K) = K x (0, h) - K1. T9 AD 6 K3 T(X) = K x (0, h) - K1. T9 AD 6 K3 T(X) = K x (0, h) - K1. T9 AD 6 K3 T.K. KCGCX => K x (0, h) CG x (0, h) CX x (0, h) V(TI(K)-TI(K)=(S(X)-SLK)) h < \(\xi\), \(\xi\) -> 4(G) + uzufpuno 4-60 (2) V(4(6)) = sup V(p)= sup s(k). h = h. sups(k)= h. S(G) P= K X 10, h] = K-K1. U-60, K F R2 => V(lg(G)) = S(G). h XEOX => dx 3 x : dx 1 Ox (2001111xx) 11 C R34 H (XY,Z) & 12: Q E X E 6 => + x + [0,6] +> 1x sc+ \$ 1(x)=1x112 4 S(x) = Muy ((scx)) + x + [0,6]: sux) & ususpumo S[a, 6]-) R S=S(x)-HFMP uname: 1) - 2 E dish. 2) U(1) & JESCH) d x TIPLE TOPHLUTE NOFOTT. T =4 X131=0 - paso. na [a, 6] mi=inf Scx) Hi=sup Scx) = XEIXi-1, XiJ > XEIXi-1, Xi] 77 E[Xi-1, Xi]: S(31)=m: 3 m G [Xi-1, xi]: S (Mi)= Hi

