Pyers \exists takee mu-to $E \subset [a, 6]$. $G = (a, 6) \setminus E$ \Rightarrow $G \cup E = (a, 6) = \Rightarrow \mu(G) + \mu(E) = 6 - a$, us $G = \text{otep} \Rightarrow \Rightarrow$ \Rightarrow ecm. $G \neq \emptyset$, to $G \subseteq G \supseteq \text{otep} \Rightarrow \text{otem} \subseteq A = \text{otem}$

21.24 · Ryers K > 0 G= U(an, bn) => M(G) = E (bn-an) + orup. GCIR: => kG = V(kan kbn) => M(kG) = \(\) (kbn-kan) = = \(\) \(\ # inpouse. E c/R: u*(kE) = inf u/G) = inf u/G) = = k. / inf u(G) = k inf u(K'G) = k inf (G) = k m*(E), no E. => inf M*(6\E) =0 => inf M+(6\KE) = inf M*(k(\(\varkappa\)E)) = inf M+(k(\(\varkappa\)E))

G>KE

G>KE = k inf u* (G E) =0 => kE - us mepuno => M(KE) = M*(KE) = K M*(E) = K M(E), T.K. E-43 MEPHINO K < 0 kG= U(kbn, kan) => u(kB) = E(kan-kbn) = 1k1 E(an-bn)(-1)= = 1/2 2 (6n-an) = 1/2/ M(G) Pacconespure A = [0,1) UN - nevep. usu. nu-les => uneen: M(A) = M(LQ,I)VN) = M(LQ,I)VM(NV) = 1 -> x = 0, d, d2 d3 ... d2k-1 d2k ... = & 2k Pycos A- mu-le us x = [0,1]: x = 0, d. 0 d s 0 d s ... 0 dex-, 1, Towa E = 10,17 VAx. ECM 26 d, 70 x = 1 + 2 + 2 dx > => A1 = (14, 12) V (3/4, 1] => [0,1] A1 = [0,14] V (12,3/4] M(A1) = (2-1) + (1-3/4) = 1/2 => Az = (1/6; 2/16)U(3/16, 4/16)U(3/16, 10/16)U(1/16, 12/16) => => [0,1] \AL \A, = [0, 1/6] U (2/16, 4/16] U (8/16, 9/16] U (10/16 11/16] M(A2) = 1/4 Toda MLKE = = M(AR) = E ER M(E) = M(CO,13) & - M[Vdx] = 1-1 = 0 4.7.0.

Ryer $E = 10,17 \cap Q$, 7020a E cocració 43 pay. 5040a[E] = [0,1] => m([E])=1 => Mes, me Consumo Jois. \$01.20 DP1.22 VE>0 3 K: M(En)>1-€ Torva: 1-8 < M(En) & M(E) = M(VEn) } => 1-8 < M(E) & 1 Ec 10,13 => M(E) = M(10,13) =1 => M(E)=1 4.5.0 SP 1.14 Pych $E_n = (0,1) U(n,+\infty) \Rightarrow n E_n = (0,1) \Rightarrow M(nEn) = 1 - Meja konequa otrugua et uyale$