```
(ai, bj+8j)

M 3. E(E) = M3, 3 (E) + = + = --- C
 Thm, u L-S measure, My: \[C]\\ HEEMy. we have that

where \( \text{U(2)} \) \[ \text{G} \] \( \text{U(0)} \) \[ \text{O} \text{C} \] \( \text{Uy lemma 1} \)

outer upilon
                          imer equition supplied by (K) | KCE. K compart } = (ax)
  Littlewoods 1 st principle: Rorel set & grod set = mill
            Cood sets includes

| G8-set countable 1 of open sets
| F6-set \rightarrow V \rightarrow chied \rightarrow
  Thun ECK, TFAS
              DE CMu;
               1 E = V/N, V & Gs, M(N,)=0;
               B E = HUNZ, His F6, M(NZ) =0.
      prf. \bigcirc m \bigcirc 3 \Rightarrow \bigcirc D \mu is complete in \mu_{\mu}. Les, F6 \in B.

\bigcirc D, \bigcirc 3 \Rightarrow \bigcirc B \mu_{\mu} \uparrow k_{j} \subseteq E \subseteq \bigcirc j. \mu(k_{j}) \in \mu(E) \subseteq \mu(\bigcirc j) For \mu(E) < \infty.

(\mu(E) = \infty), we 6 - f \mu(k_{j}) = \mu(\bigcirc j)
    Convention/ Nef. 1/2 =: L' in (10 (are) My =: M2'
Ey. (Pathological Gx) Top by $\square measure by

(i) open dense \(\varEC\), with articlery small \(\varL'(-)\)
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(Cantro) uncountable mell set

(iii) I won hovel measurable set,