oden followy 24, 2024 1131 AM STEP 2 P: ESPR - IR EMERS i) P LIMITED , ii) ju (E) <+00 RECALL THM (MAIN 741)

D 2-INTEGRABIE (-) MENSURARIE Record ( for ) , for E GIR -> IR 1) | P.W. | : E -> 1R C => C) XxEE (XEGIRT 3 V GIN t.e.  $\left| \left| \left| \left( n \right) - \left| \left| \left( n \right) \right| \right| \right| \leq \left| \left| \left| \left| \left( n \right) \right| \right| \right| \leq \left| \left| \left| \left| \left( n \right) \right| \right| \right|$  $(=) \forall x \in E \left( \left\{ \left\{ \left\{ u \right\} \right\} \right\} \right)$ 2) Duie 0 000 X ε ε 1 × 2 + 3 ~ ε ε 1 1 ν . ε. P(n)-Pn(n) < E Xn>0 XneE WHAT ABOUT (), ): E SI 1-1/2, EMEAS, Punchs Va, Puchinen + 3(8) (&) MERNY THAT ARE WITHIN STEP 2 !!! WE CAN SAY: (QUOTATION FROM CITTLE WOOD - 1820) " EVERY PU CONVERRENT SEQUENCE OF FUNCT (x) ALMOST UNE CONVERGENT !!! (?) THA (ECOROFE THM) P: EEM - IR Meins alimited AND Ju (F) < +00 ASSUME THAT ( PM) NON 15 5.7. P.W THER Y M & M2+ (ARBITRARLY "SMALL") 3 B E E , B WEAS WITH M (B) < M.







