

2'or 3' life - 2' or 3' tall grass

$X := \prod_{\alpha \in R} X_\alpha = [0,1]^R$ proj / $\alpha \in R$ w.r.t $X_\alpha = [0,1]$'s' (1)

1500 1500 1500 1500 1500 1500 1500 1500 1500

$$y = \left(y_n \right)_{n=1}^{\infty}, x = \left(x_n \right)_{n=1}^{\infty}, x, y \in \prod_{n=1}^{\infty} X_n$$

$$d(x, y) = \sum_{u=1}^{\infty} \frac{1}{2^u} \frac{d_u(x_u, y_u)}{1 + d_u(x_u, y_u)}$$

→ B.C. 11/10/07. 36m over (Xd) 3 mds
X. 8 C. 11/10/07 (282m) 11/10/07 6.5 d.
· (da 'to magmas was c:

6) $\mathbb{R} \rightarrow [0, \infty]$ und B offen β
 $R_u := (\mathbb{R}, B)$ mit σ -algebra $B \supset \mathcal{F}$ ist Maßraum
 mit $\mu(A) = \int_A f(x) dx$ für $f \in L^1(\mathbb{R})$
 und $f: \mathbb{R} \times \mathbb{R}_u \rightarrow \mathbb{R}$.
 z.B. $A = \{(x, y) : x + y = 1\}$ ist L^1 -maßlos
 da $\int_{A \cap B} f(x, y) dy = 0$ für alle $B \in \mathcal{F}$.

, $X = A_2 \cup A_1$, $\rho_2^* / \rho_2 / \rho_1$ min. $x Y, X$ / ρ_1 (4)
 ρ_2 / ρ_1 $\rho_2 / \rho_1 / \rho_3$, ρ_3 / ρ_1 $f_2 : A_2 \rightarrow Y, f_1 : A_1 \rightarrow Y$

$$f_2|_{A_1 \cap A_2} = f_1|_{A_1 \cap A_2}$$

- 2 -

5th who join k who go A_2, A_1 are 5

$$f(x) := \begin{cases} f_1(x), & x \in A_1, \\ f_2(x), & x \in A_2 \end{cases}$$

22 32

are $x R y$: $y \in f(x)$ or $x R y$ or $x R y$ (5
and some other cases)
and want "if $x R y$ we get when
 $f_2 \neq f_1$ in 3 cases. $x \in Z$ but $y \notin Z$
then $Z \rightarrow$ which means $y \in f(x)$ or
 $\{x\} \subset Z$ & we