$\rightarrow ad.3$ XM12 = (x)7 Sm (0,17) - (0,17 \_ 9(x)=arctox G(K)=(壬号)  $\overline{A} \times \overline{B} = \overline{A} \times \overline{B}$ Pohozujemy ize  $\overline{A} \times \overline{B} = |nt(A) \times |Lt(B)$   $\times \times \overline{A} \times \overline{B} = 200 \text{ reroj } 0 \text{ cym } A \times B$   $\times \times \overline{A} \times \overline{B} = 0$   $\times \times \overline{A} \times \overline{B} = 0$ C; nA + Ø A×B E A ×B D, nB + Ø CIADO Ωp; (C; nA) x (D; nB) { wincen domknigtym 2 AxB Powiedmy CnA = \$ => (A×B) (C×D) = A×B 6) IntAxB) ZIntAlxIntB) UCXD: - IntraxB) MB (C\ Int(A) +0, v D\ Int/B) +0 Int(A)UCEA Int (AxB) Bd(A×B) = A×B \ Int(A×B) 29d.6 XE A ==> ] XnEA dylxn,x) <-> xeAdy => Jxm ∈ A dz (x2,x) >0 Zad.7 P(x,y) 1+12(x,y) 3(x,y) 4+3(x,y)P(x,y) < R(1+P(x,z)) P(x, 0)(1-R)<R g (x,,ym) -> 00 P(x,5)<\frac{R}{1-R} (x m) lim dz (xm, x) = 0 (=) lim g(xm, x) =0 lim (p(xn,x))= (->  $\lim_{n \to \infty} \frac{P(x_n, x)}{n} = 0$  $\frac{P(x_{\alpha_1} \times 1)}{n} > \lim_{n \to \infty} \frac{P(x_{\alpha_1} \times 1)}{1 + P(x_{\alpha_1} \times 1)}$  $= \omega_{2}(\times_{n}, \chi)$ 9(×10, X)=24  $\lim_{n\to\infty}\frac{P(x_n)}{1+p(x_n)}=0$ Pohomijerny ling = 0 1-20 1+29  $\frac{1}{1+\alpha_{m}} \rightarrow 1 \approx 1+\alpha_{m} \rightarrow 1=>$   $\approx 0 \qquad m \rightarrow 0$ 11)  $\pi_{\lambda}: \mathbb{R} \times \mathbb{R} \to \mathbb{R}$  $f(x) = \frac{1}{x}$ 

1+QM

W(f)= "y hoes f = { (x,f(x)): x & R (103} do mhnigdy T1(W(f)) = R 103