$\zeta_\Phi \Phi n(\Phi, O, \oplus_۱, ..., \oplus_n)(۲, n)$

$$(f, g) \in \zeta_\Phi \Longleftrightarrow f \subset g$$

$AA\Delta_A$

$$\Delta_A = \{(a, a) | a \in A\}$$

$\rho \subset A \times A$

$\Delta_A \subset \rho \bullet$

$b_۱, b_۲ \in B a \in A \rho \subset A \times B$

$(a, b_۱) \in \rho \wedge (a, b_۲) \in \rho \rightarrow b_۱ = b_۲$

$\rho : A \rightarrow B \rho \subset A \times B \rho$

$\rho_\eta o_\xi arity m_\eta n_\xi A \rho_n \in \mathfrak{B}(A^{m_\eta}) o_\xi \in \mathcal{T}(A^{n_\xi})$

$n_i o_۱, ..., o_p A \mathfrak{U} = (A, o_۱, ..., o_p, \rho_۱, ..., \rho_p)$

$(۲, n)$

$n\mathcal{F}(A^n, A)$

$n(۲, n)(۲, n)$

$G\zeta_P n\wp(۲, n)P$

$$(g_۱, g_۲) \in \zeta_P \Longleftrightarrow P(g_۱) \subset P(g_۲)$$

$Mann$

[1] V. D. Belousov, *Systems of orthogonal operations*, Math. USSR, Sb. (1969) 172:32-52.

superassociative

algebra of words

ζ_Φ, ζ_P