Table of notation

Logic and sets. $\wedge$, $\vee$, $\Rightarrow$, $\Leftrightarrow$, $\forall$, $\exists$ (1); $\in$, $\notin$, $\subseteq$, $\not\subseteq$, $\supseteq$, $\subset$, $\supset$, $\emptyset$, $\cup$, $\cap$, $-$, $\bigcup$, $\bigcap$ (2); $\{a,b,c,\cdots\}$, $\{x\colon \phi(x)\}$, $\{t(x)\colon \phi(x)\}$, $\mathfrak{P}(U)$ (3); ${}^{n}V$ (4); ${}^{I}V$ (8); $\prod(U_i, i \in I)$ (7).

Cardinal and ordinal numbers. n^{+}, $\aleph_\alpha$, ω (12); ω_α, $|A|$ (13).

Relations. $\langle a_0, a_1, \cdots, a_{m-1}\rangle$, $R|V$, $\ulcorner R,R^{\urcorner}$, aRb (4); x/R (5, 149, 150, 167); $R(X)$, $R;S$, $R^{\smile}$, R^{n} (5); $Eq(U)$ (8)

Functions. $f \circ g$, fg, $f \restriction U$ (6); $f\colon U \to V$, $f\colon U \leftrightarrow V$, id_U (7); $\ker f$ (9); $\prod(f_i, i \in I)$, ${}^{I}h$, $f^{\#}$, $[f(i)]_{i\in I}$ (14); $id(U, n, k)$ (83).

Lattices and partially ordered sets. $\leq$, $\geq$, $<$, $>$, $\equiv$ (11); $+$, $\cdot$, L_d (21); M_3, N (22); $\sum$, $\prod$ (23).

Algebras and relational structures. $Hom(A,B)$ (24); $Iso(A,B)$, $\simeq$, $\tau(A)$ (25); $\leq_s$, $\geq_s$, $<_s$, $>_s$, $Ss(A)$, $Sa(A)$, $Su(A)$, $A|X$ (66); $Sg_A(X)$ (77); $[X]_A$ (78); $Pol_n(A)$, $Pol(A)$ (84); $Alg_n(A)$, $Alg(A)$ (87); DCCS (120); $Con(A)$ (149); $Rel(A)$ (152); $con_A(R)$, $con_A(R)$, $con(R)$, $con_A(a,b)$, $con(a,b)$ (153); $Mon(A,B)$, $Epi(A,B)$, 213; $Aut(A)$, $End(A)$, 214.

Partial algebras. $\leq_s$, $B|X$, $Su(A)$, $Sg_A(X)$ (177); $Con(A)$, $con_A(R)$, $con_A(x,y)$ (178).

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