RECURRING NOTATIONS

$\mathbb{N}$	set of natural numbers
$\mathbb{N}_0$	$\mathbb{N} \cup \{0\}$
$\mathbb{Z}$	ring of integers
$\mathbb{Q}$	field of rational numbers
$\mathbb{R}$	field of real numbers
$\mathbb{P}$	set of positive prime integers
ω_0	first infinite ordinal
$\mathbb{Z}(p^\infty)$	p-th Prüfer group (multiplicative group of p^n-th roots of unity, $n \in \mathbb{N}$)
$\mathbb{Z}_p^*$	ring of p-adic integers
Z_n	ring of integers modulo n
$J(R)$	Jacobson radical of the ring R
R^+	additive group underlying the ring R
R_1	unital ring corresponding to the ring R with identity
$GF(q)$	Galois field with q elements
$\twoheadrightarrow$	epimorphism
$\rightarrowtail$	monomorphism
$\rightarrowtail\!\!\!\!\twoheadrightarrow$, $\cong$	isomorphism, isomorphic
$\dot{\cup}$	disjoint union
$[X]$	subalgebra generated by X
$D(R)$	maximal divisible subgroup of R^+
$Ann(R)$	annihilator of R
R_n	ring of $n \times n$ matrices over R $(n \geq 2)$
$Z(R)$	center of the ring R
$Ht(R)$	heart of the subdirectly irreducible ring R
	Classes of algebras and class operators are in bold face:
$\mathbb{H}(\mathbb{K})$	homomorphic images of members of $\mathbb{K}$
$\mathbb{S}(\mathbb{K})$	substructures of members of $\mathbb{K}$
$\mathbb{P}(\mathbb{K})$	direct products of members of $\mathbb{K}$

$\mathbb{P}_s(\mathbb{K})$	subdirect products of members of $\mathbb{K}$
$\mathbb{I}(\mathbb{K})$	isomorphic images of members of $\mathbb{K}$
$\mathbb{P}_u(\mathbb{K})$	ultraproducts of members of $\mathbb{K}$
$\mathbb{V}(\mathbb{K})$	equational class generated by $\mathbb{K}$ (= $\mathbb{HSP}(\mathbb{K})$)
$\mathbb{K}(\tau)$	class of algebraic structures of type τ
$P(\tau)$	polynomial symbols of type τ
$\mathcal{L}(\mathfrak{A})$	congruence lattice of the algebra $\mathfrak{A}$
$C_c(\mathfrak{A})$	set of closed congruences on the algebra $\mathfrak{A}$
$Id(\mathbb{V})$	set of polynomial identities satisfied in $\mathbb{V}$
θ_F	congruence induced by the filter F
$\theta(a,b)$	principal congruence generated by a,b
$\theta\|_A$	congruence restricted to $\mathfrak{A}$
ω, ι	the smallest, resp. largest congruence
$P(\mathfrak{A})$	set of principal congruences on $\mathfrak{A}$
Spec $\mathfrak{A}$	set of maximal congruences on $\mathfrak{A}$
$E(r,s)$	set of maximal congruences identifying r,s
$D(r,s)$	set of maximal congruences distinguishing r,s
$\mathbf{c}(\mathfrak{A})$	class of quasi-compactifications of $\mathfrak{A}$
$\chi(R)$	characteristic of the ring R
$ch(G)$	chromatic number of the graph G
$\underline{c}$	set of basis elements representing the vector c
$Var(\Sigma)$	set of variables occurring in members of Σ
X_+	subgroup generated by X
●	end of proof

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