

2^ω _____	5	hereditarily countable sets _____	72
accumulation points _____	52	hereditary order _____	52
α -code _____	111	hyperarithmetical sets _____	90
α -forcing _____	22	I -Luzin set _____	32
α -topology _____	118	κ -Borel _____	88
Aronszajn tree _____	46	κ -Souslin _____	74
$[A]_I$ _____	30	κ -Souslin _____	88
A_α _____	46	Kleene Separation Theorem _____	90
$A_{<\alpha}$ _____	46	Louveau's Theorem _____	111
Baire space _____	5	$L_\infty(P_\alpha : \alpha < \kappa)$ _____	24
\mathbb{B}^+ _____	28	MA_κ (ctbl) _____	64
Borel metric space _____	103	Mansfield-Solovay Theorem _____	76
Borel-Dilworth Theorem _____	106	Martin's Axiom _____	16
Borel(F) _____	11	Martin-Solovay Theorem _____	34
Borel(X) _____	7	MA_κ _____	34
Borel(X)/meager(X) _____	42	meager(X) _____	42
Boundedness Theorem _____	107	Mostowski's Absoluteness _____	70
Cantor space _____	5	μ _____	57
cBa _____	26	$m_{\mathbb{P}}$ _____	67
characteristic function _____	13	nice α -tree _____	21
$cl_\alpha(A)$ _____	118	Normal form for Σ_1^1 _____	69
code for a hyperarithmetical set _____	90	$[\omega]^\omega$ _____	6
collinear points _____	104	$\omega^{<\omega}$ _____	5
$cov(I)$ _____	64	ω^ω _____	5
$cov(\text{meager}(2^\omega))$ _____	64	ω_1^{CK} _____	111
Δ_α^0 -universal set _____	113	$\text{ord}(\mathbb{B})$ _____	27
Δ_α^0 _____	7	$\text{ord}(X)$ _____	9
$\Delta_\alpha^0(F)$ _____	11	OR _____	21
Δ_1^1 -codes _____	95	$P(T, q)$ _____	111
Δ_2^1 well-ordering _____	71	perfect set forcing _____	63
Δ_0 -formulas _____	72	perfect set _____	10
direct sum _____	40	perfect tree _____	46
F/I _____	30	Π_α^0 (hyp) _____	111
field of sets _____	11	Π_α^0 (semihyp) _____	117
$\text{FIN}(X, \omega)$ _____	19	Π_1^1 equivalence relations _____	98
$\dot{\text{FIN}}(\aleph_\omega, 2)$ _____	66	Π_1^1 singleton _____	79
$\text{FIN}(c^+, 2)$ _____	36	Π_1^1 -Reduction _____	93
$\text{FIN}(\kappa, 2)$ _____	43	Π_1^1 -Reflection _____	117
Fusion _____	46	Π_1^0 _____	68
F_σ _____	8	Π_1^1 on Π_1^1 _____	117
Gandy forcing _____	98	Π_β -sentence _____	24
Gandy _____	95	Π_α^0 _____	7
G_δ _____	8	$\Pi_\alpha^0(F)$ _____	11
H_γ _____	34	Π_1^1 _____	68
HC _____	72	Π_2^1 _____	85

$\mathbb{P} * \overset{\circ}{\mathbb{Q}}$ _____	35	super- I -Luzin _____	32
$\mathbb{P}(T)$ _____	48	switcheroo _____	23
\mathbb{Q}_α _____	52	$[s]$ _____	5
\mathbb{P}_α _____	38	$ s $ _____	5
prewellorderings _____	78	$s \hat{=} n$ _____	5
prewellordering _____	93	tree embedding _____	79
\mathfrak{p} _____	17	tree _____	21
\mathbb{Q} -sets _____	17	two step iteration _____	35
Q_α _____	43	$T \preceq \hat{T}$ _____	79
$\overset{\circ}{Q}_\alpha$ _____	52	$T \leq_n T'$ _____	46
rank function _____	21	$T \prec \hat{T}$ _____	79
rank(p) _____	38	$[T]$ _____	21
$S(T, q)$ _____	111	T^0 _____	22
Sack's real _____	63	$T^{>0}$ _____	22
scale property _____	78	T_α _____	43
second countable _____	5	uniformization property _____	78
Section Problem _____	111	universal for Σ_1^1 sets _____	69
separable _____	5	universal set _____	9
separative _____	26	universal _____	9
Shoenfield Absoluteness _____	74	$\overset{\circ}{U}_n$ _____	16
Sierpiński set _____	57	$V=L$ _____	71
Σ_α^0 _____	7	well-founded _____	21
$\Sigma_\alpha^0(F)$ _____	11	WF _____	107
Σ_1^1 _____	68	$WF_{<\alpha}$ _____	107
Σ_2^1 equivalence relation _____	110	WO _____	98
σ -field _____	30	$x <_c y$ _____	71
σ -ideal _____	30	\check{x} _____	16
σ -ring _____	8	ZFC* _____	70
Σ_α^0 (semihyp) _____	117		
Σ_1^1 equivalence relations _____	107		
Σ_1^1 _____	68		
$\Sigma_1^1(x)$ _____	68		
Σ_2^1 _____	71		
$\Sigma_2^1 = \Sigma_1^{HC}$ _____	72		
Σ_1 -formula _____	72		
Silver forcing _____	16		
$\sim B$ _____	7		
Souslin-Luzin Separation _____	88		
Spector-Gandy Theorem _____	95		
splitting node _____	46		
stone(B) _____	30		
$s \subset t$ _____	79		
$\sum_{\alpha < \omega_1} \mathbb{P}_\alpha$ _____	40		
$(\sum_{\alpha < \omega_1} \mathbb{P}_\alpha) * \overset{\circ}{\mathbb{Q}}$ _____	40		
super Luzin set _____	43		