

2^ω _____	5	hereditarily countable sets _____	72
accumulation points _____	52	hereditary order _____	52
α -code _____	111	hyperarithmetic 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 hyperarithmetic 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