Ordinal	**Arithmetic theories**	**Set theories**	**Inductive defs.**	**Type theories**	**Other...**
	Q	KP^-			
ω^2	RFA, $\mathrm{I}\Delta_0$				
ω^3	RCA_0^*, WKL_0^*, $\mathrm{I}\Delta_0$+exp				
ω^n	$\mathrm{I}\Delta_0+\mathcal{E}_n$ is total				
ω^ω	$(\mathrm{RCA})_0$, $(\mathrm{WKL})_0$, PRA			CPRC	
ε_0	$(\mathrm{ACA})_0$, $(\Delta^1_1\text{-CA})_0$, PA	$\mathrm{KP}^{-\infty}$			EM_0
ε_1	$(\mathrm{ACA})_0$+(KPHT)				
ε_ω	$(\mathrm{ACA})_0$+(iRT)				
$\varepsilon_{\varepsilon_0}$	(ACA)				
$\psi_{\Omega_1}(\Omega)=\zeta_0$	$(\mathrm{ACA})_0+(\forall X\exists Y(\mathrm{TJ}(\omega,X,Y)))$				
$\psi_{\Omega_1}(\Omega^\omega)$	$(\Delta^1_1\text{-CR})$		$\mathrm{ID}_1^\#$		EM_0+JR
$\psi_{\Omega_1}(\Omega^{\varepsilon_0})$	$(\Delta^1_1\text{-CA})$, $(\Sigma^1_1\text{-AC})$		$\widehat{\mathrm{ID}}_1$	ML_1	EM_0+J
$\psi_{\Omega_1}(\Omega^\Omega)=\Gamma_0$	$(\mathrm{ATR})_0$, $(\Delta^1_1\text{-CA})$+(BR)	KPi^-	$\widehat{\mathrm{ID}}_{<\omega}$	$\mathrm{ML}_{<\omega}$, MLU	U(PA)
$\psi_{\Omega_1}(\Omega^\Omega\varepsilon_0)$	(ATR)		$\widehat{\mathrm{ID}}_\omega$		
$\psi_{\Omega_1}(\Omega^{\Omega+\omega})$	$(\mathrm{ATR})_0+(\Sigma^1_1\text{-DC})$		$\widehat{\mathrm{ID}}_{<\omega^\omega}$		
$\psi_{\Omega_1}(\Omega^{\Omega+\varepsilon_0})$	$(\mathrm{ATR})+(\Sigma^1_1\text{-DC})$		$\widehat{\mathrm{ID}}_{<\varepsilon_0}$		
$\psi_{\Omega_1}(\Omega^{\Omega+\Gamma_0})$			$\widehat{\mathrm{ID}}_{<\Gamma_0}$	MLS	
$\psi_{\Omega_1}(\Omega^{\Omega 2})$		KPh^-	$\mathrm{Aut}(\widehat{\mathrm{ID}})$		
$\psi_{\Omega_1}(\Omega^{\Omega\omega})$		KPM^-			
$\psi_{\Omega_1}(({}^{(n+1)}\Omega)^{\Omega^\omega})$	$(\mathrm{ACA})_0+(\Pi^1_{n+2}\text{-BI})$	$\mathrm{KP}^-+\Pi^{\mathrm{set}}_{n+2}$-Foundation			
$\psi_{\Omega_1}(({}^{(n+1)}\Omega)^{\Omega^{\varepsilon_0}})$	$(\mathrm{ACA})+(\Pi^1_{n+2}\text{-BI})$	KP^-+IND+Π^{set}_{n+2}-Foundation			
$\psi_{\Omega_1}(\varepsilon_{\Omega+1})$	(ACA)+(BI), $(\Pi^1_1\text{-CA})^-$	KP, $\mathrm{KP}(\mathcal{P})$, KP+Π^{set}_2-Reflection, CZF	ID_1, ID^2_1	$\mathrm{ML}_1\mathrm{V}$	
$\psi_{\Omega_1}(\Gamma_{\Omega+1})$					$\mathrm{U}(\mathrm{ID}_1)$
$\psi_{\Omega_1}(\varepsilon_{\Omega_2+1})$		KP+Π^{set}_1-Coll+V=L+$\exists\omega_1$	ID_2, ID^2_2		
$\psi_{\Omega_1}(\Omega_\omega)$	$(\Pi^1_1\text{-CA})_0$, $(\Delta^1_2\text{-CA})_0$	KPl^r, KPi^r, $\mathrm{KP}\beta^r$	$\mathrm{ID}_{<\omega}$, $(\mathrm{ID}^2_{<\omega})_0$		
$\psi_{\Omega_1}(\Omega_\omega\varepsilon_0)$	$(\Pi^1_1\text{-CA})$	W-KPl	W-ID_ω, $\mathrm{ID}^2_{<\omega}$		
$\psi_{\Omega_1}(\varepsilon_{\Omega_\omega+1})$	$(\Pi^1_1\text{-CA})$+(BI)	KPl	ID_ω, BID^2_ω		
$\psi_{\Omega_1}(\Omega_{\omega^\omega})$	$(\Delta^1_2\text{-CR})$, $(\Pi^1_1\text{-CA}_{<\omega^\omega})$	$\mathrm{KPl}^r_{\omega^\omega}$	$\mathrm{ID}_{<\omega^\omega}$		
$\psi_{\Omega_1}(\Omega_{\varepsilon_0})$	$(\Delta^1_2\text{-CA})$, $(\Sigma^1_2\text{-AC})$, $(\Pi^1_1\text{-CA}_{<\varepsilon_0})$	$\mathrm{KPl}^r_{\varepsilon_0}$, W-KPi, W-KP$\beta$	$\mathrm{ID}_{<\varepsilon_0}$, $\mathrm{ID}^2_{<\varepsilon_0}$, $\mathrm{ID}^2_{<\varepsilon_0}$		
$\psi_{\Omega_1}(\Omega_\lambda)$	$(\Pi^1_1\text{-CA}_{<\lambda})$, $(\Pi^1_1\text{-CA}_{<\lambda})$+(BI)	KPl^r_ν	$\mathrm{ID}_{<\lambda}$, $\mathrm{BID}^2_{<\lambda}$, $\mathrm{ID}^2_{<\lambda}$+(BI)		
$\psi_{\Omega_1}(\Omega_\mu)$	$(\Pi^1_1\text{-CA}_\mu)_0$	KPl^r_μ	$(\mathrm{ID}^2_\mu)_0$		
$\psi_{\Omega_1}(\Omega_\gamma)$	$(\Pi^1_1\text{-CA}_\gamma)$	W-KPl_γ	ID^2_γ		
$\psi_{\Omega_1}(\varepsilon_{\Omega_\nu+1})$			ID_ν		
$\psi_{\Omega_1}(\varepsilon_{\Omega_\gamma+1})$	$(\Pi^1_1\text{-CA}_\gamma)$+(BI)	KPl_γ	ID_γ, BID^2_γ, ID^2_γ+(BI)		
$\psi_{\Omega_1}(\varepsilon_{\Omega_\Omega+1})$		$\mathrm{KPl}^*=\mathrm{KPl}^r_\Omega$	$\mathrm{ID}_{\prec^*}$, BID^{2*}, ID^{2*}+(BI)		
$\psi_{\Omega_1}(\psi_I(0))$	$(\Pi^1_1\text{-TR})_0$, $(\text{Aut-}\Pi^1_1)_0$	Aut-KPl^r	$(\text{Aut-ID})_0$		
$\psi_{\Omega_1}(\psi_I(0)\varepsilon_0)$	$(\Pi^1_1\text{-TR})$, $(\text{Aut-}\Pi^1_1)$	W-Aut-KPl	Aut-ID		
$\psi_{\Omega_1}(\varepsilon_{\psi_I(0)+1})$	$(\text{Aut-}\Pi^1_1)$+(BI)	Aut-KPl	Aut-BID		
$\psi_{\Omega_1}(\varepsilon_{I+1})$	$(\Delta^1_2\text{-CA})$+(BI), $(\Sigma^1_2\text{-AC})$+(BI)	KPi, KPβ, CZF+REA			T_0
$\psi_{\Omega_1}(\Omega_{I+\omega})$		KPi^+		$\mathrm{ML}_1\mathrm{W}$, $\mathrm{ML}_1\mathrm{WV}$, $\mathrm{KP}_1\mathrm{W}$, IARI	
$\psi_{\Omega_1}(\Omega_{L+1})$		KPh		$\mathrm{ML}_{<\omega}\mathrm{W}$	
$\psi_{\Omega_1}(\varepsilon_{M+1})$	$(\Delta^1_2\text{-CA})$+(BI)+(M)	KPM, CZFM			
$\psi_{\Omega_1}(\Omega_{M+\omega})$		KPM^+		MLM	Agda
$\Psi^0_{\Omega_1}(\varepsilon_{K+1})$	(ACA)+(BI)+(Π^1_4-β-model Reflection)	KP+Π^{set}_3-Reflection			
$\Psi^0_{\Omega_1}(\varepsilon_{\pi_n+1})$	(ACA)+(BI)+(Π^1_{n+5}-β-model Reflection)	KP+Π^{set}_{n+4}-Reflection			
$\Psi_{\mathbb{X}}(\varepsilon_{\Xi+1})$	(ACA)+(BI)+(β-model Reflection)	KP+$\Pi^{\mathrm{set}}_\omega$-Reflection			
$\Psi_{\mathbb{H}}(\varepsilon_{\Upsilon+1})$		KPi+$\forall\alpha\exists\kappa\ L_\kappa\prec_1 L_{\kappa+\alpha}$			
$\Psi_{\mathbb{K}}(\varepsilon_{\mathcal{I}+1})$	$(\Delta^1_2\text{-CA})$+(BI)+(parameter-free Π^1_2-CA)	KPi+$\exists M(\mathrm{Trans}(M)\wedge M\prec_1 V)$			

ν is any nonzero ordinal, γ is a limit ordinal, λ is of the form ω^γ, μ is additively indecomposable.
Ω_ν = νth uncountable cardinal, I = least weakly inaccessible cardinal.
M = least weakly Mahlo cardinal, K = least weakly compact cardinal.
π_n = least Π^1_{n+2}-indescribable cardinal, Ξ = least Π^2_0-indescribable cardinal.
Υ = least cardinal such that: $\forall\theta<\Upsilon\exists\kappa<\Upsilon(\kappa$ is θ-indescribable$)$ and $\forall\theta<\Upsilon\forall\kappa<\Upsilon(\kappa$ is θ-indescribable $\implies\theta<\kappa)$
$\mathcal{I}$ = least inaccessible cardinal such that there is a cardinal $\xi<\mathcal{I}$ that is ρ-reducible for all $\xi\leq\rho<\mathcal{I}$.
The existence of all of the above cardinals follows from the existence of a subtle cardinal.

S_0 = (Ext)+(Null)+(Pair)+(Union)+(Diff)	
$\mathrm{S}_1 = \mathrm{S}_0$+(Powerset)	
$\mathrm{M}_0 = \mathrm{S}_1$+($\Delta_0^{\mathrm{set}}$-Separation)	
$\mathrm{M}_1 = \mathrm{M}_0$+(Regularity)+(Transitive Containement)	
$\mathrm{KP}^- = \mathrm{S}_0$+(Infinity)+($\Delta_0^{\mathrm{set}}$-Separation) +($\Delta_0^{\mathrm{set}}$-Collection)	
$\mathrm{KP}^{-\infty} = \mathrm{S}_0$+(Foundation)+($\Delta_0^{\mathrm{set}}$-Separation) +($\Delta_0^{\mathrm{set}}$-Collection)	
KP = $\mathrm{KP}^{-\infty}$+(Infinity) = KP^-+(Foundation)	
KPl = KP+(universe limit of admissible sets)	
KPi = KP+(recursively inaccessible universe)	
KPh = KP+(recursively hyperinaccessible universe)	
KPM = KP+(recursively Mahlo universe)	
ZBQC = M_0+(Regularity)+(Infinity)+(Choice)	NFU+(Infinity)+(Choice)
MAC = M_1+(Infinity)+(Choice) = ZBQC+(Transitive Containement)	
MOST = MAC+(Δ_0^{set}-Collection) = ZBQC+KP+(Σ_1^{set}-Separation)	
Z = S_1+(Regularity)+(Infinity)+($\Sigma_\omega^{\mathrm{set}}$-Separation)	
ZC = Z+(Choice) = ZBCQ+($\Sigma_\omega^{\mathrm{set}}$-Separation)	
MAC+$\forall m(\beth_{\beth_m}$ exists)	NFU+(Counting)
Z+(Π_2^{set}-Replacement)	NFU^* = NFU+(Counting)+(Strongly Cantorian Separation)
Z+(Π_m^{set}-Replacement)	
ZF = Z+($\Pi_\omega^{\mathrm{set}}$-Replacement)	AST, GB
ZFC = ZF+(Choice)	NBG = GBC = GB+(Global Choice)
NBG+(Class Forcing Theorem)	NBG+(Clopen Class Game Determinacy)
MK = NBG+($\Pi_\infty^{\mathrm{class}}$-CA)	
ZFC+(there is an inaccessible cardinal)	ZFC+(Π_1^1 Perfect Set Property), ZFC+(Σ_3^1 Lebesgue measurability)
ZFC+(there are ω inaccessible cardinals)	ZFC+$(\forall\alpha(\omega \leq \alpha \leq \aleph_\omega \implies \lvert V_\alpha \cap L\rvert = \lvert\alpha\rvert))$
ZFC+(there is a proper class of inaccessible cardinals)	ZFC+(Grothiendieck Universe Axiom)
ZFC+(there is a Σ_n^{set}-reflecting cardinal)	
ZFC+(there is a $\Sigma_\omega^{\mathrm{set}}$-reflecting cardinal), ZFC+(Ord is Mahlo)	
ZFC+(there is an uplifting cardinal)	ZFC+(Resurrection Axioms)
ZFC+(there is a Mahlo cardinal)	
SMAH = ZFC+(there is a n-Mahlo cardinal)$_{n\in\mathbb{N}}$	NFUA = NFU+(Infinity)+(Cantorian Sets)
SMAH^+ = ZFC+$\forall n$(there is a n-Mahlo cardinal)	
MK+(Ord is weakly compact)	$\mathrm{GPK}_\infty^+ = \mathrm{GPK}^+$+(Infinity), NFUB = NFU+(Infinity)+(Cantorian Sets)+(Small Ordinals)
ZFC+(there is a weakly compact cardinal)	ZFC+(ω_2 has the tree property)
ZFC+(there is a totally indescribable cardinal)	
ZFC+$\forall n$(there is a n-subtle cardinal)	
ZFC+(there is a totally ineffable cardinal)	
ZFC+$\forall\alpha(\alpha < \omega_1 \implies$ there is a α-Erdős cardinal)	
ZFC+($0^\#$ exists), ZFC+($L \models \aleph_\omega$ is regular)	ZFC+$\forall\alpha(\alpha \geq \omega \implies \lvert V_\alpha \cap L\rvert = \lvert\alpha\rvert)$, ZFC+(parameter-free Σ_1^1-determinacy)
ZFC+$\forall x(x \in \mathbb{R} \implies x^\#$ exists)	ZFC+(Σ_1^1-determinacy)
ZFC+$\forall x(x^\#$ exists)	ZFC+(Σ_2^1 universal Baireness)
ZFC+(there is a ω_1-Erdős cardinal)	ZFC+(Chang's Conjecture)
SRP = ZFC+(there is cardinal with the n-stationary Ramsey property)$_{n\in\mathbb{N}}$	
SRP^+ = ZFC+$\forall n$(there is a cardinal with the n-stationary Ramsey property)	
MK+(Ord is measurable)	NFUM = NFU+(Infinity)+(Large Ordinals)+(Small Ordinals)
ZFM = ZFC+(there is a measurable cardinal)	ZFC+(NS_{ω_1} is precipitous), ZF+(ω_1 is measurable)
ZFC+(there is a measurable cardinal κ such that $o(\kappa) = 2$)	ZFC+(NS_{ω_2} is precipitous)
ZFC+(there is a measurable cardinal κ such that $o(\kappa) = \kappa^{++}$)	ZFC+$\neg$SCH, ZFC+($2^{\aleph_\omega} = \aleph_{\omega+2}$)
MK+(Ord is Woodin)	Z_3+(parameter-free Δ_2^1-determinacy)
ZFC+(there is a Woodin cardinal)	ZFC+(Δ_2^1-determinacy), ZFC+(OD $\models$ AD), ZFC+(NS_{ω_1} is ω_2-saturated)
ZFC+(there are n Woodin cardinals)$_{n\in\mathbb{N}}$	ZFC+(PD), Z_2+(AD)
ZFC+(there are ω Woodin cardinals),	ZF+(AD), ZFC+($L(\mathbb{R}) \models$AD), ZFC+(OD($\mathbb{R}$) $\models$AD),
ZF+DC+(ω_1 is $\mathcal{P}(\omega_1)$-strongly compact)	ZF+(AD), ZFC+(NS_{ω_1} is ω_1-dense)
ZF+DC+(ω_1 is $\mathcal{P}(\mathbb{R})$-strongly compact)	ZF+DC+($\mathrm{AD}_\mathbb{R}$)
ZFC+(there is a superstrong cardinal)	
ZFC+(there is a subcompact cardinal)	ZFC+($V = L[\vec{E}]$)+$\exists\kappa(\neg\square_\kappa)$
ZFC+(there is a strongly compact cardinal)	ZFC+(Proper Forcing Axiom)
ZFC+(there is a supercompact cardinal)	ZFC+(Martin's Maximum)
ZFC+$\forall n$(there is a proper class of $C^{(n)}$-extendible cardinals)	ZFC+(Vopěnka's Principle)
ZFC+(there is a high-jump cardinal)	
HUGE = ZFC+(there is a n-huge cardinal)$_{n\in\mathbb{N}}$	
HUGE^+ = ZFC+$\forall n$(there is a n-huge cardinal)	
ZFC+(Wholeness Axiom WA_n)	
ZFC+I3 = ZFC+$\exists\lambda(E_0(\lambda))$	
ZFC+I2 = ZFC+$\exists\lambda(E_1(\lambda))$	
ZFC+I1 = ZFC+$\exists\lambda(E_\omega(\lambda))$	
ZFC+I0	
ZF+DC+$\exists\lambda\exists j : V_{\lambda+2} \prec_{\Sigma_\omega^{\mathrm{set}}} V_{\lambda+2}$	
ZF+DC+(there is a Reinhardt cardinal)	
ZF+DC+(there is a Berkeley cardinal)	