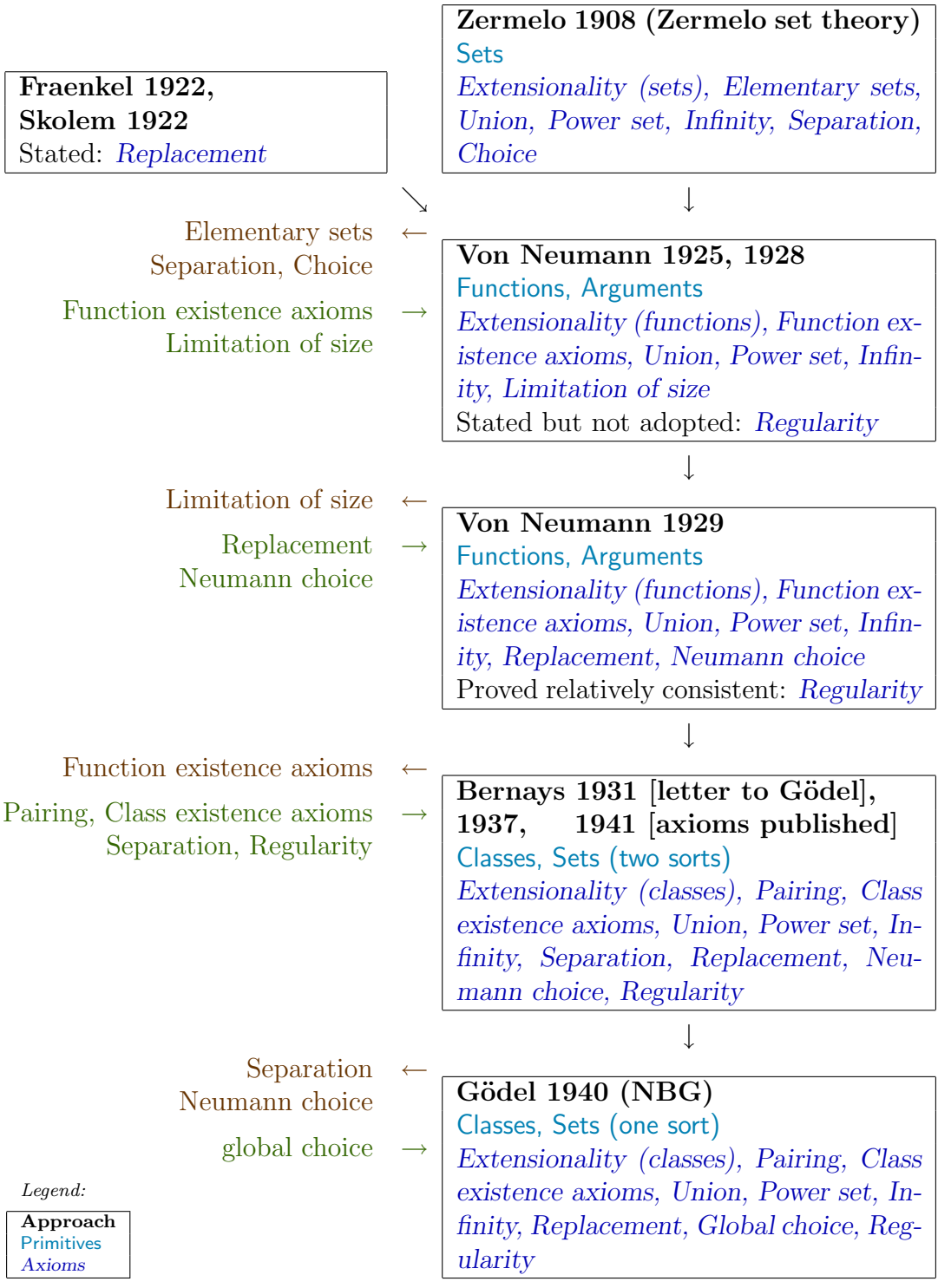
Zermelo 1908 (Zermelo set theory)
Sets
Extensionality (sets), Elementary sets, Union, Power set, Infinity, Separation, Choice
Fraenkel 1922, Skolem 1922
Stated: Replacement
Elementary sets
Separation, Choice
Function existence axioms
Limitation of size
Von Neumann 1925, 1928
Functions, Arguments
Extensionality (functions), Function existence axioms, Union, Power set, Infinity, Limitation of size
Stated but not adopted: Regularity
Limitation of size
Replacement
Neumann choice
Von Neumann 1929
Functions, Arguments
Extensionality (functions), Function existence axioms, Union, Power set, Infinity, Replacement, Neumann choice
Proved relatively consistent: Regularity
Function existence axioms
Pairing, Class existence axioms
Separation, Regularity
Bernays 1931 [letter to Gödel], 1937, 1941 [axioms published]
Classes, Sets (two sorts)
Extensionality (classes), Pairing, Class existence axioms, Union, Power set, Infinity, Separation, Replacement, Neumann choice, Regularity
Separation
Neumann choice
global choice
Gödel 1940 (NBG)
Classes, Sets (one sort)
Extensionality (classes), Pairing, Class existence axioms, Union, Power set, Infinity, Replacement, Global choice, Regularity
Legend:
Approach
Primitives
Axioms