Why

Consider predicting which Arabic numeral is represented by a digital image.

Definition

Handwritten Digit Classifiers

Classifiers   Digital Images

Inductors   Finite Sets   Bit Strings

Datasets   Equivalent Sets   Natural Exponents

Function Inverses   Direct Products   Sequences   Natural Products

Function Images   Function Composites   Families   Natural Sums

Functions   Equivalence Relations   Natural Order   Recursion Theorem

Relations   Peano Axioms

Cartesian Products   Natural Induction

Set Powers   Natural Numbers

Unordered Triples   Partitions   Successor Sets   Intersection of Empty Set

Ordered Pairs   Pair Unions   Set Intersections

Set Unions   Set Differences

Unordered Pairs   Empty Set   Pair Intersections

Set Specification

Set Inclusion

Standardized Accounts

Accounts

Deductions

Quantified Statements

Logical Statements

Statements

Identities   Sets

Names

Letters   Objects