

Nomenclature

MLP	Multilayer Perceptron Network
RBF	Radial Basis Function Network
GRNN	Generalized Regression Neural Network
BNN	Bayesian Neural Network
NN	Neural Network
GA	Genetic Algorithms
NNGA	Neural Network & Genetic Algorithms
SNN	Statistica Neural Network
BP	Back propagation
CG	Conjugate gradient descent
QN	Quasi-newton
LM	Levenberg-Marquardt
QP	Quick propagation
DD	Delta-Bar-Delta
SS	(sub) sample
KM	K-means (center assignment)
EX	Explicit (deviation assignment)
IS	Isotropic (deviation assignment)
KN	K-nearest neighbor (deviation assignment)
PI	Pseudo-invert (linear least squares)
KO	Kohonen (center assignment)
PN	Probabilistic neural network training
GR	Generalized regression neural network
PC	Principal Components analysis
YS	Yield Strength
UTS	Ultimate Tensile Strength
EL	Elongation
CT	Charpy Toughness