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## ABBREVIATIONS AND SYMBOLS

PCA	Principal component analysis
LDA	Linear discriminant analysis
ANN	Artificial neural network
$\rho$	Density
$\Delta H_f$	Standard enthalpy of formation
$S^\circ$	Standard molar entropy
$\epsilon_r$	Static dielectric constant
$\sigma$	Conductivity
$E_a$	Activation energy
$k$	Boltzmann constant
$P_N$	Nucleation probability
$\alpha$	Supersaturation ratio
$\Phi$	Surface to volume ratio
$L_d$	Debye length
$\text{Pr}(x y)$	Likelihood of x for a given y
$P()$	Prior likelihood