

List of Symbols

<i>Symbol</i>	<i>Description</i>
$^{\circ}\text{C}$	Degree Centigrade
R^2	Coefficient of Determination
s	Model Error
D_n^{α}	Value of Random Variable at Significance Level α
X_i	Predictor Random Variable at Step i
σ_f	Flexural Strength
F_Q, F_q	Load at the Onset of Failure
L	Distance Between the Support Points
B	The Breadth of the Specimen
W	The width of the Specimen
σ_c	Compressive Strength of Sintered Ceramic
A_0	Initial Cross-Sectional Area
C_o	Initial Concentration of Arsenic
C_e	Final Concentration of Arsenic
V	Volume of Adsorbate
t	Time of Contact
q_t	Rate of Adsorption
q_e	Adsorption at Equilibrium
q_{max}	Maximum Adsorption
h	Initial Adsorption rate
k_f	Freundlich Constant related to Adsorption Capacity
n	Freundlich Constant related to Adsorption Affinity

