LIST OF SYMBOLS

L	Inductance per phase
C	Capacitance between phases
C_n	Capacitance to Neutral
q	Conductor Charge per Unit
V_{ij}	Potential Difference between any two phases
I_j	Current in phase j
λi	Flux linkage of Conductor i
K	Absolute permittivity of the medium
[M] , [P]	Maxwell and Potential coefficients
D_{ij}	Distance between phase i and j
D	Distance between adjacent phases
R	Radius of the conductor
L_s,L_m	Self and mutual inductances respectively
C_s,C_m	Self and mutual capacitances respectively
R_l	Self conductor resistance
Z_1,Y_1	Positive sequence series impedance and shunt admittance of transmission line respectively.
Z_0,Y_0	Zero sequence impedance and shunt admittance of transmission line respectively.
Z_g,Y_g	Impedance / admittance of ground
$Z^N p$, $Y^N p$	Phase impedance and admittance matrices of N-phase element respectively
A^N,B^N,C^N,D^N	ABCD-parameters of N-phase system
[Z],[Y]	Leakage impedance and admittance matrix of Multiphase Transformer of appropriate Dimensions respectively

α , β	Turn's ratio of primary and secondary winding respectively
U	Unit Diagonal Matrix of Order N x N
K_S,K_P	Series and Shunt Compensation respectively
δ	Line angle
p.u.	Per Unit
SIL	Surge Impedance Loading
[Ω]	Diagonal Surge impedance matrix of transmission line
[T]	Transformation Matrix
Subscripts	
P	Phase quantity
S	Symmetrical Components
S,R	Sending end and receiving end of the line
L	Load
1/0	Positive / Zero Sequence
Superscripts	
N	Phase Order
t	Transpose of Matrix or Vector
prefix	
d/dt	Differential Operator
ln	Natural logarithm