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LIST OF SYMBOLS AND ABBREVIATIONS

AC	-	Alternating Current
A_c	-	Amplitude of the carrier signal
A_m	-	Amplitude of the modulation signal
f_c	-	Carrier frequency
CMI	-	Cascaded Multilevel Inverter
CPLD	-	Complex Programmable Logic Device
V	-	DC-link voltage
DSP	-	Digital Signal Processor
DCMI	-	Diode Clamped Multilevel Inverter
DC	-	Direct Current
FFT	-	Fast Fourier Transform
P	-	Frequency ratio
f_o	-	Fundamental frequency
FFPWM	-	Fundamental Frequency Pulse Width Modulation
HAPOD	-	Hybrid Alternate Phase Opposition Disposition
HCBSVM	-	Hybrid Carrier Based Space Vector Modulation
HPSC	-	Hybrid Phase Shifted Carrier
HSCSM	-	Hybrid Single Carrier Sinusoidal Modulation
IGBT	-	Insulated Gate Bipolar Transistor
IC	-	Integrated Circuit
V_{an}	-	Line to neutral voltage
ϕ	-	Load displacement angle
L	-	Load inductance
R	-	Load resistance

M	-	Modulation index
MC	-	Multilevel Converter
MI	-	Multilevel Inverter
MSPWM	-	Multilevel Sinusoidal Pulse Width Modulation
NPCI	-	Neutral Point Clamped Inverter
WTHD0	-	Normalized weighted total harmonic distortion
K	-	Number of inverter cells per phase
N	-	Number of inverter levels
V_{off}	-	Offset voltage
PWM	-	Pulse Width Modulation
RMS	-	Root Mean Square
SSHSM	-	Sequential Switching Hybrid Sinusoidal Modulation
SSP	-	Sequential Switching Pulse
SVM	-	Space Vector Modulation
THD	-	Total Harmonic Distortion
WTHD	-	Weighted Total Harmonic Distortion