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LIST OF ABBREVIATIONS

NMR	-	Nuclear Magnetic Resonance
MRI	-	Magnetic Resonance Imaging
RF	-	Radio Frequency
ROI	-	Region of Interest
VOI	-	Volume of Interest
DSV	-	Diameter Spherical Volume
VTK	-	Visualization Toolkit

LIST OF SYMBOLS

A	-	Ampere
T	-	Tesla
m	-	meter
mT/m	-	mili-Tesla per meter
mT/m/A	-	mili-Tesla per meter per Ampere
GB	-	Gigabytes
ω	-	Larmor precession frequency
γ	-	Gyromagnetic ratio
μ_0	-	Permeability of free space
I	-	Current
$\mathbf{r_c}$	-	Correlation coefficient
$\overrightarrow{\mathbf{AB}}$	-	Vector from A to B
$\hat{\mathbf{u}}_{\mathbf{AB}}$	-	Unit vector of $\overrightarrow{\mathbf{AB}}$
$\overrightarrow{\mathbf{AB}} \bullet \overrightarrow{\mathbf{CD}}$	-	Dot product between vector $\overrightarrow{\mathbf{AB}}$ and $\overrightarrow{\mathbf{CD}}$
$\overrightarrow{\mathbf{AB}} \times \overrightarrow{\mathbf{CD}}$	-	Cross product between vector $\overrightarrow{\mathbf{AB}}$ and $\overrightarrow{\mathbf{CD}}$
$\vec{\mathbf{B}}$	-	Magnetic field (vector)
B	-	Magnetic field (scalar)
B_x	-	$\hat{\mathbf{i}}$ component of magnetic field
B_y	-	$\hat{\mathbf{j}}$ component of magnetic field
B_z	-	$\hat{\mathbf{k}}$ component of magnetic field
B_0	-	Main magnetic field
B_1	-	Oscillating magnetic field/RF pulses
G_x	-	Magnetic field gradient in x direction
G_y	-	Magnetic field gradient in y direction

G_z	-	Magnetic field gradient in z direction
η	-	Magnetic field gradient efficiency
$\triangle_{\%}$	-	Magnetic field gradient uniformity

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