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Introduction to Geomagnetically Trapped Radiation

Martin Walt

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Chapter

Geophysical quantities pp. xviii-xviii

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Geophysical quantities

R_E	Mean radius of Earth	$6.37 \times 10^3 \text{ km}$
B_0	Mean magnetic field on equator at Earth's surface	$3.12 \times 10^{-5} \text{ T}$
\mathcal{M}_E	Magnetic dipole moment of the Earth	$8.07 \times 10^{22} \text{ A m}^2$
$\frac{\mu_0 \mathcal{M}_E}{4\pi}$	Magnetic dipole parameter of the Earth	$8.07 \times 10^{15} \text{ T m}^3$