Maxwell waves, energy flow and boundary conditions

GRE Subject Test · GRE Physics · Vocabulary in context

Word	Example
displacement current /dɪˈspleɪsmənt ˈkʌrənt/	A changing electric field contributes **displacement current** between capacitor plates.
Poynting vector /ˈpɔɪntɪŋ ˈvektə/	The **Poynting vector** points in the direction of energy flow.
boundary conditions	The **boundary conditions** link the fields on both sides of a surface.
permittivity /ˌpɜːmɪˈtɪvəti/	A higher **permittivity** weakens the field inside a material.
intensity /ɪnˈtensɪti/	The **intensity** of a wave is power per unit area.
radiation pressure /ˌreɪdɪˈeɪʃn ˈpreʃə/	**Radiation pressure** from sunlight can push a light sail.

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