Radiation attenuation, laser gain and cavity modes

GRE Subject Test · GRE Physics · Vocabulary in context

Word	Example
population inversion /ˌpɒpjʊˈleɪʃn ɪnˈvɜːʃn/	Pumping helps create the **population inversion** needed for laser gain.
attenuation /əˌtenjuːˈeɪʃn/	Increase the shielding thickness to increase narrow-beam **attenuation**.
half-value layer /hɑːf ˈvæljuː ˈleɪə/	Three **half-value layer**s transmit one eighth of the narrow beam.
cavity modes	A laser's mirrors allow only certain **cavity modes**.
stimulated emission	**Stimulated emission** makes a second photon identical to the first.