Nuclear binding, particle families and Hall carriers

GRE Subject Test · GRE Physics · Vocabulary in context

Word	Example
↗ **Hall effect** /hɔːl ɪˈfekt/	The **Hall effect** produces a voltage across the current direction.
÷ **binding energy per nucleon** /ˈbaɪndɪŋ ˈenədʒi pɜː ˈnjuːklɪən/	Compare **binding energy per nucleon** when comparing these two nuclei.
Q value /kjuː ˈvæljuː/	A reaction with a positive **Q value** releases energy.
leptons /ˈleptɒnz/	Electrons and neutrinos are **leptons**.
mesons /ˈmiːzɒnz/	Pions are **mesons**: one quark and one antiquark. π
baryons /ˈbæriɒnz/	Protons and neutrons are **baryons**.
quarks /kwɑːks/	A proton contains three **quarks**.

exercises.lol exercises.com.cn