1.0 x 10^{15} Gauss

Universe's Strongest Known Magnet?

Physics/Astronomy

"The answer is the magnetar, a rare type of neutron star. Dr. Alaa Ibrahim, a scientist at NASA Goddard Space Flight Center, measured the magnetic field of a magnetar named SGR 1806-20. The field was a whopping 1,000,000,000,000,000 Gauss. That's the most magnetic object known. Luckily, SGR 1806-20 is parked safely 40,000 light years away from us. The magnetic field of a typical neutron star is over 100 trillion Gauss (that's 100,000,000,000). A neutron star is the core remains of a star at least eight times more massive than the Sun that exploded in a supernova event. Only about 10 have been discovered."

Website: Goddard Space Flight ..[25]

Fred Thomas, Technologist - Ogden, Utah USA

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Section Formal References:

25) C. Wanjek, Science Question of the Week: What's the strongest magnet known in the Universe?, Retrieved October 10, 2004 from Goddard Space Flight Center website: http://www.gsfc.nasa.gov/scienceques2003/20040206.htm

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