

CU PHYSICS DEPARTMENT PARTICLE SEMINAR

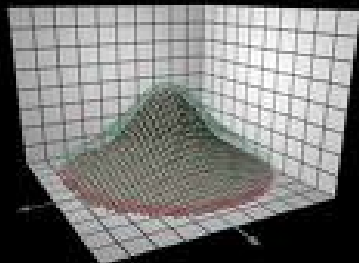
Wednesday, April 2, 2008 705 Pupin Hall 1:00 PM



The anomalous baryon current and

neutrino-photon interactions in the Standard Model

New physical processes related to the baryon number anomaly are studied. For example, the Standard Model contains an interaction coupling the photon, Z-boson, and the omega-meson. This term induces neutrino-photon interactions at finite baryon density and should be detectable in various laboratory and astrophysical environments.



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