

Abstract Submitted  
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**Verifying Unmatter by Experiments, More Types of Unmatter,  
and a Quantum Chromodynamics Formula** FLORENTIN SMARANDACHE,  
University of New Mexico, Gallup Campus — As shown, experiments registered un-  
matter: a new kind of matter whose atoms include both nucleons and anti-nucleons,  
while their life span was very short, no more than  $10^{-20}$  sec. Stable states of unmat-  
ter can be built on quarks and anti-quarks: applying the unmatter principle here it  
is obtained a quantum chromodynamics formula that gives many combinations of  
unmatter built on quarks and anti-quarks.

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