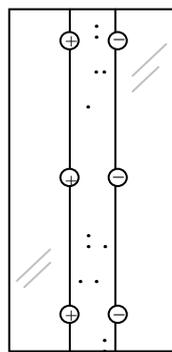


Why a Parallel-Plate Capacitor with Flat Parallel Plates Cannot Be Used as a Quantum Controller of Gravity

Fran De Aquino

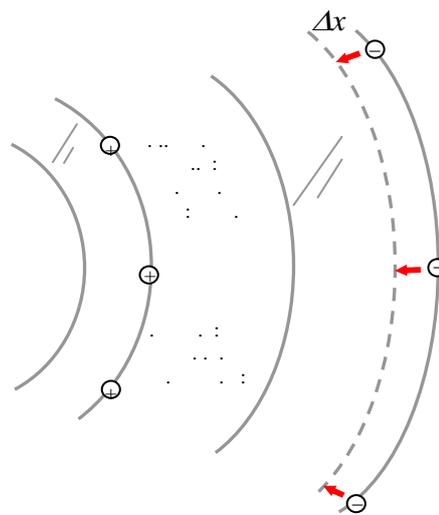
Professor Emeritus of Physics, Maranhao State University, UEMA.
Titular Researcher (R) of National Institute for Space Research, INPE
Copyright © 2016 by Fran De Aquino. All Rights Reserved.

Because the electric charges in its armors do not are distributed as they are distributed in the *spherical capacitor*. In the spherical capacitor, the electric charges at the external armor *are distributed at its external surface*, allowing the displacement of them to the interior the armor (See Fig. 1 (b)), while in the parallel-plate capacitor with flat parallel plates the electric charges in both the plates of the capacitor are distributed at its internal surfaces (See Fig.1 (a)). Thus, they cannot propagate through the metal, as it occurs with the electric charges at the external armor of the spherical capacitor.



(a)

Parallel-Plate Capacitor with Flat Parallel Plates



(b)

Spherical Capacitor

Fig.1