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## The Maxwell-Bopp-Lande-Thomas-Podolsky-Einstein system for a static point source

*Monday, July 5, 2021 7:10 PM (20 minutes)*

In this talk, we discuss the existence of a static, spherically symmetric spacetime that is the solution of the Einstein field equations coupled with an electric field obeying the equations of electromagnetism of Maxwell-Bopp-Lande-Thomas-Podolsky for a static point charge. Contrary to what happens with the Reissner-Nordstrom spacetime, it is shown that the electric field energy is finite, just as for this same theory on a background flat spacetime.

**Primary author:** DE AMORIM, Erik (Universität zu Köln)

**Presenter:** DE AMORIM, Erik (Universität zu Köln)

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