

The Weyl biconnection model manifests a natural framework to automatically produce the structure of the Galileon theory. It is shown that this framework can explain the scalar and vector Galileon as well as their interactions by generalizing the Weyl nonmetricity, and as such it can be interpreted as a geometrical realization for Galileons. The nonmetricity part enjoys a  $U(1)$  gauge invariance. The result is interestingly nontrivial since the structure of the Galileon theory appears spontaneously, and not by demanding the absence of the Ostrogradsky ghost. This fact suggests a possible deeper conceptual relation between the Weyl biconnection model and the absence of the Ostrogradsky ghost.