Abstract
Doing a brief historical revision of the presence of the neuroscience in the scientific panorama we will be able to perceive that despite their relative youth this prolific discipline does big contributions to the knowledge with regard to the analysis of the human movement and his original life. It is as well as these contributions, so necessary as pertinent also they come out of the gymnastic fact and on having be correlated by the question of the origin and functionality of the motor act allow to understand the neurological seat of the same one and the importance of modulating the movement with regard to the levels of risk and complexity of the gymnastic elements in his reality praxis. This work is a scientific test of qualitative, theoretical character and with documentary technology, which tries to demythologize some suppositions of the science with regard to the movement in the physical education, his original way and his functionality in the construct of the being hominid.

Keywords
Neuroscience, education, physical education, gymnastics, movement, gymnastic execution.