

Neuropotenziamento cognitivo e regolamentazione europea: tra etica, coevoluzione e mente estesa

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Cognitive Neuroenhancement and European Regulation: Between Ethics, Coevolution, and the Extended Mind

Abstract: This essay explores the legal and ethical implications of neurotechnologies used for cognitive enhancement within the European Union, examining emerging technologies and the bioethical debate between optimistic perspectives (transhumanism) and skeptical views (bioconservatism). The analysis draws on theories of humantechnology coevolution and the extended mind, which justify the need for a paradigm shift in regulatory approaches to cognitive neuroenhancement. In particular, in light of the limitations of current regulations, the essay emphasizes the necessity of adopting a comprehensive legal framework that protects individuals at cognitive, social, and identity levels. A multidisciplinary and anthropocentric approach is therefore proposed, capable of integrating the ethical, social, and cultural implications of cognitive enhancement.

Keywords: Cognitive enhancement, Neurotechnologies, Bioethics, European Union.

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