

**Title:** The Relevance of Artificial Intelligence in the actuality: A Proposal for the Definition of its Scientific Statute in Computing

### **Abstract**

Researches point out that the future of information and communication technologies will be driven by Artificial Intelligence. In this perspective, we believe that future communication networks will be based entirely on "non-engineering or non-computing" scientific technical principles addressed in the humanities and social sciences as Roger Pressman states in his software engineering book 2006. That is, aspects like: Cognition (Artificial), Emotion (Artificial), Free Will (Artificial), Hyper Reality are, in our understanding, principles, so that these networks of the future can exist.

An obvious question at the Academy is whether artificial intelligence itself is sufficiently mature pedagogically and methodologically, that is, if it has a Scientific Status to assume, for example, in the Telecommunication Industry, the role, responsibility and challenges posed to it today and in the coming years.

The Artificial Intelligence (AI) is a multidisciplinary subject that aims to build artificial animals on real machines and, in this way, pointed in the literature as a field of knowledge that will revolutionize the human condition in the coming years. This has enormous developments and applications in Telecommunication industry. However, drags several ambiguities that complicate the definition of its "*Scientific Status*" in computing that date of its creation in 1956.

The present research aims to contribute to the definition of the "*Scientific Status*" of AI in Computing. To achieve this we start by built a Lifecycle Model for IA. This model formed the basis for the whole practice of the research. These are the specific contributions, proposed in the research, the definition of AI space problem in computing and the Building of a AI Body of Knowledge (AIBOK)