

## **Contentless AI and creativity and responsibility**

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### **Abstract**

The development of information processing technologies is opening up entirely new possibilities for humans, also giving rise to entirely new challenges. One such challenge, which is also the topic of this paper, is the question of the relationship between the content-free mode of operation of information processing technologies, in particular artificial intelligence systems, and the content-based perception of reality by humans. A very intriguing issue within this theme is the question of creativity in its broadest sense, within which various kinds of artificial intelligence technologies are applied. There seems to be a pressing need to analyse this issue especially in the context of scientific creativity (but not only), which can have a significant impact on the functioning of both individuals and entire communities. It also appears that equally interesting issues, provoking deeper philosophical reflection, arise in the context of visual arts or music.

This creates intriguing fields for research, not only aimed at a philosophical analysis of particular areas of this subject matter. It also raises the question of whether - and to what extent - ideas and tools developed within the various branches of philosophy can help to better understand and develop the peculiar synergy between humans and information processing systems.

**Keywords:** artificial intelligence, content, cognition, philosophy, relationships

### **Bibliography**

H. Cappelen, J. Dever, *Making AI Intelligible: Philosophical Foundations*, 1. Oxford University Press, Oxford, 2021

A. Miller, *The artist in the machine: the world of AI powered creativity*, The MIT Press, Cambridge, Massachusetts, 2019

E. Spence, *Stoic philosophy and the control problem of AI technology: caught in the web*. Lanham: Rowman & Littlefield Publishers, 2021

M. Wooldridge, *The road to conscious machines : the story of AI*. Pelican, Dublin, 2021