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The Evolution of Artificial Intelligence in the Digital Society

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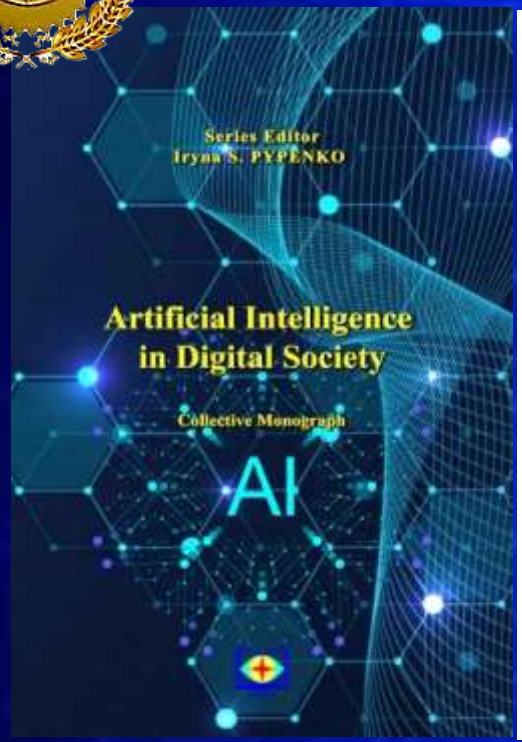




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Research Methods

The present study employed a systems approach alongside a comprehensive suite of theoretical research methods.

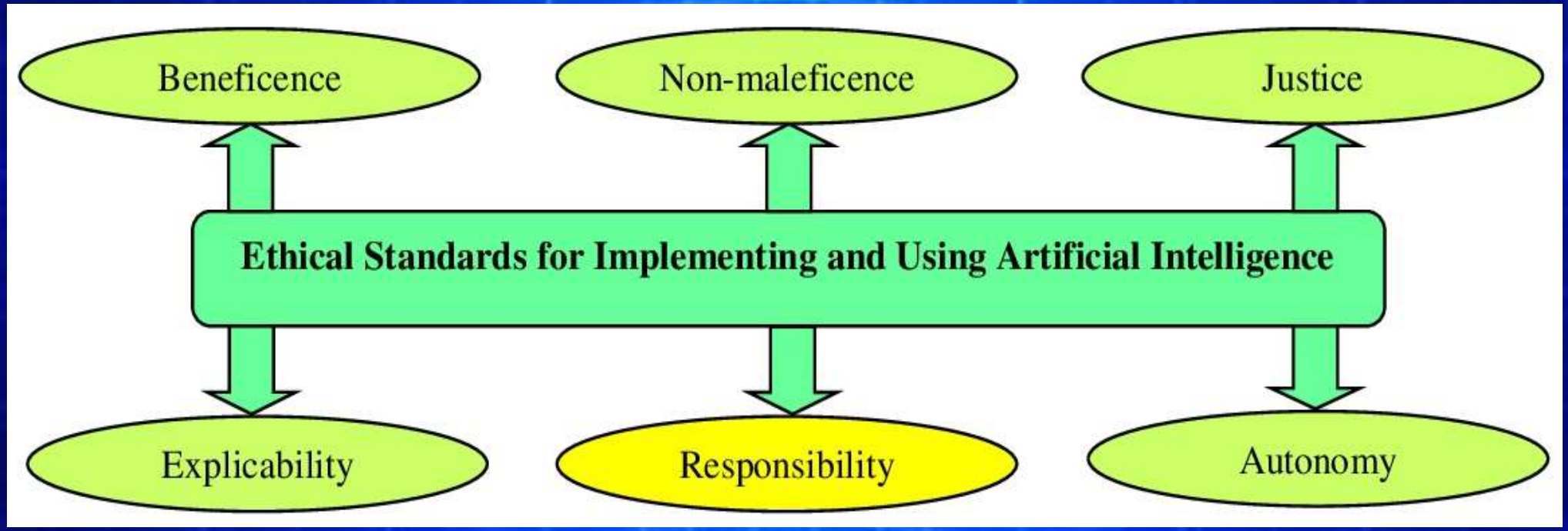
To ensure a rigorous analytical framework, the investigation utilized classical logical methods, including induction and deduction, analysis and synthesis, as well as abstraction and generalisation.

Furthermore, the structural alignment of data was achieved through systematisation, classification, and categorisation.

To establish conceptual boundaries, idealisation and formalisation were applied.

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Ethical Standards for Implementing and Using Artificial Intelligence



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Principle of Responsibility for Implementing and Using Artificial Intelligence

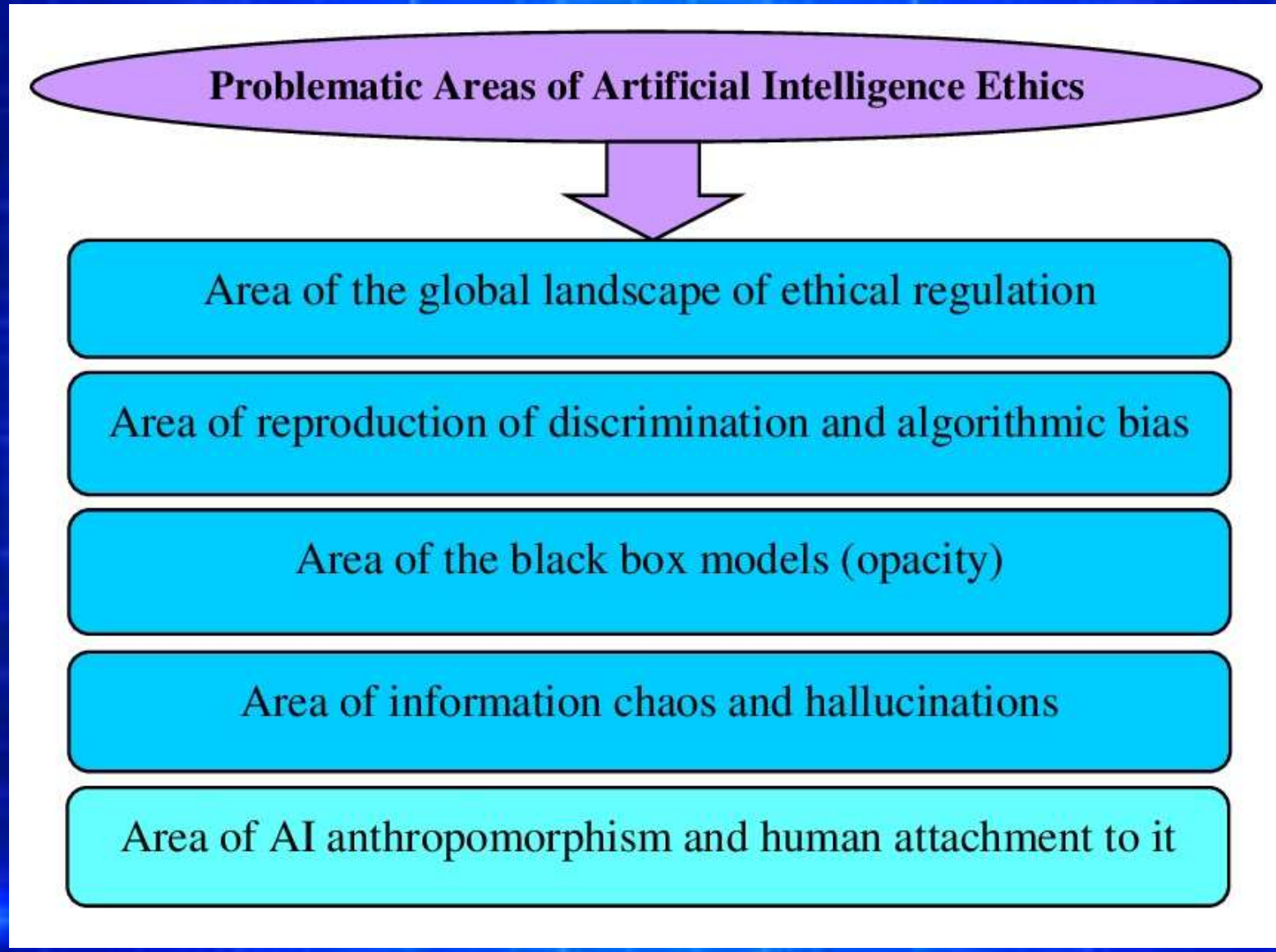
Essence (Basis): **The principle is based on the authors' proposed concept of a "Human-AI" binary system. This approach postulates that moral and legal subjectivity in this system belongs exclusively to human beings. Humans (developers, verifiers and users) are fully responsible for the actions, decisions and generation of AI systems.**

Objective: **To prevent a legal vacuum and the blurring of accountability in algorithmic decision-making processes. Safeguard the unique status of human labour, ensure transparency regarding the origin of information and establish robust legal safeguards against disinformation and automated errors.**

Condition: **The rule applies throughout all stages of the AI lifecycle, from the design of algorithms and the collection of training datasets, to the final deployment of technologies in society and their practical application.**

Mechanism: **Digital watermarks, logos, metadata and text disclaimers must be included as standard in all content generated or modified by AI.**

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Conclusions

Just a couple of years ago, AI was largely associated with chatbots. Today, however, it has reached a completely different level. AI can use third-party programmes, write and test code, identify software vulnerabilities, and much more besides. Even developers do not fully realise the hidden capabilities of new models, often only discovering them months later.

On the one hand, this may seem like an irresponsible technological race between companies to be the first to introduce something that we do not fully understand, nor can we manage or control it. This situation has prompted us to establish a responsibility principle for the implementation and use of AI. On the other hand, this will inevitably lead to the widespread adoption of AI and the development of new digital products and AI models.

These could form the basis for integrating them as components of a single system, creating AGI. The data suggest that concern should be focused on the environment into which AGI might be released rather than on the creation of AGI itself.

Education has a special and extremely important role to play in preparing society for responsible interaction with AI. Ultimately, we must use AI for good, or face annihilation.

If you are interested in partnering,
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