

## PROBLEM DOMAIN TRANSFORMATION OF SCIENCE AND PHILOSOPHY

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### **ABSTRACT**

*I argue that the transformation of the problem domain will inevitably lead to the theoretical breakthrough and transition of philosophy and science. Democritus' philosophy of atomism had induced a change of the scientific problem domain. The mechanistic view of nature in modern science has resulted in a philosophical problem domain. From the perspective of quantum mechanics, some synthesis of Democritus' atomism and Leibniz's monadism may avoid their respective shortcomings, thus exerting a far-reaching influence on advancing the study of matter and consciousness. It is shown that a certain cross-shaped pattern constitutes a complete understanding paradigm of the universe life, so that science and philosophy in the novel paradigm can reflect and complement each other.*

**KEYWORDS:** *Problem Domain, Science and Philosophy, Paradigm*