

Review of: "Early Renaissance Concepts of Time and the Invention of Mechanical Clocks"

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Potential competing interests: No potential competing interests to declare.

This paper describes the cognition and progress of people's concept of time in the early Renaissance and introduces the development process of mechanical clocks. Through the analysis of pendulum clock structure, it explains the reason why a linear oscillator can increase clock accuracy by 30 times. The paper is logical and clear, but there are several points to be improved:

1. It is suggested that the author describe the development of pendulum clock structure in detail and explain the reasons for the difference in precision of pendulum clocks of different structures;
2. Gears and other mechanical transmission components are essential components of mechanical clocks. It is suggested that the author add a description of the development history of gear components in mechanical clocks and explain the impact of the development of transmission components on clock accuracy.