

An Attempt to Create Teaching Materials for the Brachistochrone Curve Using Algebrite and KeTLTS

Setsuo Takato

KeTCindy Center, Magnolia Inc., Japan

30th Applications of Computer Algebra - ACA 2025

KeTCindy/KeTCindyJS is a library for \LaTeX and HTML that we have developed. It is based on the dynamical geometry system Cinderella. Using it, we have also created a learning data transfer system named KeTLTS. The brachistochrone curve is an interesting topic in mathematics and physics education, so we produced the HTML with KeTLTS.