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Graduate School
UNIVERSITY OF COLORADO BOULDER

Thesis Approval Form

Student Name Andrew Osborne Student ID *****

Doctoral Degree in Physics

Thesis Title:

Least action approach to lumped element circuit mechanics

Have you performed research involving human subjects which requires approval from the Institutional Review Board (IRB)? Yes X No

IRB Protocol Number

Have you used live animals, animal tissue, or observational animal work which requires approval from the Institutional Animal Care and Use Committee (IACUC)? Yes X No

IACUC Protocol Number

Attach the final copy of thesis/dissertation for committee review. While formatting changes may be requested by the Graduate School, the content of the attached document should be final.



Approvals:

Committee Chair Name Andrew Lucas

Signature  Date Signed 7/12/2024

Committee Member Name Andras Gyenis

Signature  Date Signed 7/6/2024

The final copy of this thesis has been examined by the signatories, and we find that both the content and the form meet acceptable presentation standards of scholarly work in the above-mentioned discipline.

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