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## HOMEWORK 1

Aldo Riello  
*Classical Physics*

Perimeter Institute for Theoretical Physics  
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## **1** Bead on a rotating wire

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A

B

C

D

## **2** Brachistochrone

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A

B

## **3** A sneaky recipe for the Noether charge

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A

B

C

D

# References

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- [1] Aldo Riello. *Fourteen Lectures in CLASSICAL PHYSICS*. 2023.

