



Universiteit  
Leiden  
The Netherlands

## Compressor vibration isolation for scanning tunneling microscopy in a dry dilution refrigerator

Goedings, Matthijs

### Citation

Goedings, M. (2024). *Compressor vibration isolation for scanning tunneling microscopy in a dry dilution refrigerator*.

Version: Not Applicable (or Unknown)

License: [License to inclusion and publication of a Bachelor or Master Thesis, 2023](#)

Downloaded from: <https://hdl.handle.net/1887/3768233>

**Note:** To cite this publication please use the final published version (if applicable).



---

# Compressor vibration isolation for scanning tunneling microscopy in a dry dilution refrigerator

---

THESIS

submitted in partial fulfillment of the  
requirements for the degree of

BACHELOR OF SCIENCE

in

PHYSICS

Author : Matthijs Goedings  
Student ID : 2161001  
Supervisor : Prof. Dr. Ir. Tjerk Oosterkamp,  
Koen van Deelen (PHD)  
2<sup>nd</sup> corrector : Dr. Ir. Bas Hensen

Leiden, The Netherlands, June 14, 2024