



Faculty of Health, Science and Technology
Physics

Course Reading

Symmetry - mathematical structures and applications

Valid from 08/28/2023

Course Code: FYAD11

Course Title: Symmetry - mathematical structures and applications

Credits: 7.5

Degree Level: Master's level

Books

H.F. Jones. *Groups, Representations and Physics*. Taylor & Francis

Reference material

C. Heunen, J. Vicary. *Categories for Quantum Theory: An Introduction*. Oxford University Press

J. Fuchs, C. Schweigert. *Symmetries, Lie Algebras and Representations*. Cambridge University Press

M. Tinkham. *Group Theory and Quantum Mechanics*. Dover

Approved by the Faculty Board of Health, Science and Technology 02/20/2023