



# *The Hebrew University of Jerusalem*

## *Syllabus*

### *Topics in quantum error correcting codes - 80895*

*Last update 02-09-2021*

*HU Credits:* 2

*Degree/Cycle:* 2nd degree (Master)

*Responsible Department:* Mathematics

*Academic year:* 2022

*Semester:* 1st Semester

*Teaching Languages:* Hebrew

*Campus:* E. Safra

*Course/Module Coordinator:* Dr. Shai Evra

*Coordinator Email:* [Shai.Evra@mail.huji.ac.il](mailto:Shai.Evra@mail.huji.ac.il)

*Coordinator Office Hours:* By appointment

*Teaching Staff:*

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Dr. Evra Shai

Course/Module description:

Topics in quantum error correcting codes

Course/Module aims:

To present topics in quantum error correcting codes

Learning outcomes - On successful completion of this module, students should be able to:

To learn topics in quantum error correcting codes

Attendance requirements(%):

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Teaching arrangement and method of instruction: Lecture

Course/Module Content:

Topics in quantum error correcting codes

Other or additional topics may be studied

Required Reading:

None

Additional Reading Material:

Course/Module evaluation:

End of year written/oral examination 0 %

Presentation 100 %

Participation in Tutorials 0 %

Project work 0 %

Assignments 0 %

Reports 0 %

Research project 0 %

Quizzes 0 %

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*Other 0 %*

*Additional information:*