

**Title**



Candidate:

Student Number:

School/Department:

Categories:



First-level Discipline/Degree:

Second-level Discipline/Degree's Field:

Research Fields:

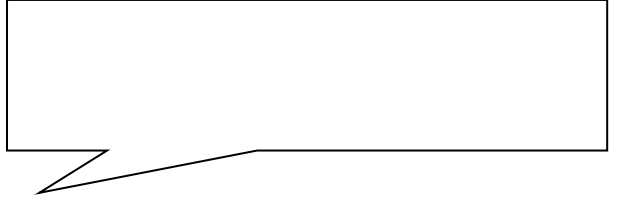
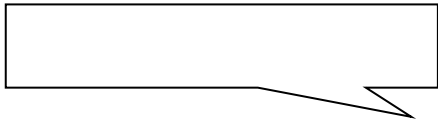
Supervisor:

Associate Supervisor

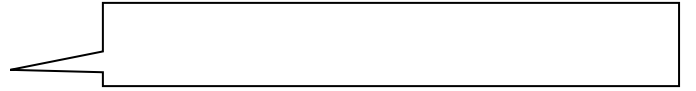
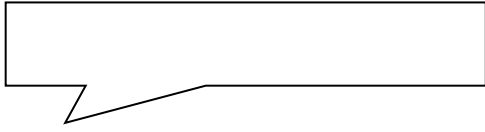
Joint Training Institution

May 2025









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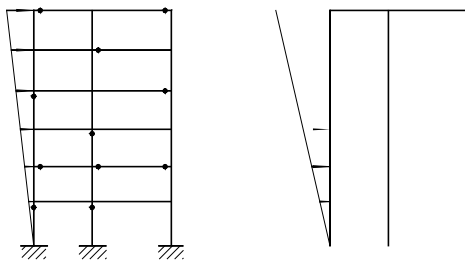


$\Theta$  3.2

$$\Phi(\Theta) = \begin{cases} 0, & \text{if } E = E_0 \\ 1, & \text{if } E = E_1 \end{cases} \quad 3.2$$

$$\bar{S} = \{0, 1, 2, \dots\}$$

3.2







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- [1] \*\*, \*\*, \*\*, \*\*\* [J]. 2021 18 1  
74-80.
- [2] \*\*, \*\*, \*\*, \*\*\* [M]. 2022.
- [3] \*\*, \*\*\*: 92214985.2[P].2023-04-14.
- [4] Soave N. Normalized ground states for the NLS \*\*\* 2020 269 9 6941-6987.

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