**Iranian Research Organization for Science and Technology**

 **Electrical Engineering and Information Technology**

**Thesis Title**

**By:**

**A thesis submitted to the Graduate Studies Office in partial fulfillment of the requirements for the degree of Doctor of Philosophy (Ph. D) in**

Evaluated and approved by the thesis committee as: (quality grade)

1. Dr.
2. Dr.
3. Dr.
4. Dr.
5. Dr.

**Autumn 2024**