



AL-FARG'ONiy AVLODLARI  
ELEKTRON ILMIY JURNALI



Muhammad al-Xorazmiy nomidagi TATU Farg'ona filiali muassisligida  
tashkil etilgan "Al-Farg'oniy avlodlari" elektron ilmiy jurnali  
(№ 4(8), 2024) da faol ishtiroki uchun

**Tohirjonova Zahro**

**SERTIFIKAT**

bilan taqdirlanadi

MAVZU: CHARACTERIZATION OF PHOTOLUMINESCENCE SPECTRUM OF CHALCOGENIDE  
CADMIUM-BASED SEMICONDUCTOR POLYCRYSTALLINE FILMS



BOSH MUHARRIR

26.12.2024 YIL

SANA