

MAGNIT MAYDONINING QUYOSH ELEMENTLARI PARAMETLARINI YAXSHILASH UCHUN QO`LLANILISH ISTIQBOLLARI

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ANNOTATSIYA

Bu ishda olib borilgan tajribalarga ko'ra, kremniy asosidagi quyosh elementi yuzasiga perpendikulyar tarzda $B=0.2$ T magnit maydonida uzoq vaqt ushlab turilganda, quyosh elementlarining η -foydali ish koeffitsiyenti va τ -zaryad tashuvchilar yashash davrining o'zgarishi kuzatilgan.

Kalit so'zlar: Magnit maydoni, FIK, Magnit vinil tasma, Fotoelektrik xossasi, stimullash usuli.

PROSPECTS FOR APPLICATION TO IMPROVE THE PARAMET OF SOLAR ELEMENTS OF THE MAGNETIC FIELD

ABSTRACT

Experiments in this study have shown that when the silicon-based solar cell is held in a magnetic field $B = 0.2$ T perpendicular to the surface for a long time, the η -efficiency of solar cells and the life cycle of τ -charge carriers change.

Keywords: Magnetic field, FIK, Magnetic vinyl tape, Photoelectric property, stimulation method.