

**O‘ZBEKISTON RESPUBLIKASI  
OLIIY VA O‘RTA MAXSUS TA‘LIM VAZIRLIGI**

**TOSHKENT IRRIGATSIYA VA QISHLOQ XO‘JALIGINI  
MEXANIZATSIYALASH MUHANDISLARI INSTITUTI**

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**ZAMONAVIY GEODEZIK  
ASBOBLAR**

**DARSLIK**

5313400 - “Geodeziya va geoinformatika”  
ta‘lim yo‘nalishi talabalari uchun

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#### **Annotatsiya**

Ushbu darslik 5313400 - "Geodeziya va geoinformatika" ta'lim yo'nalishi talabalari uchun mo'ljallangan bo'lib, unda talabalar uchun elektron taximetrlar, raqamli nivelirlar, yer usti lazerli skanerlar va dronlarning tuzulishi hamda ishlash prinsiplari, ularni tekshirish uslublari bayon qilingan. Bundan tashqari sun'iy yo'ldosh navigatsiya tizimida ishlatiladigan antennalar, sun'iy yo'ldosh geodezik apparatlari bayon etilgan.

#### **Annotatsiya**

Etot uchebnik prednaznachen dlya studentov spetsialnosti 5313400 - «Geodeziya i geoinformatika», v kotoryx opisivaetsya proektirovanie i ekspluatatsiya elektronnykh taximetrov, sifrovyykh urovney, poverkhnostnykh lazernyykh skanerov i dronov, a takzhe metody ix testirovaniya. Takzhe opisany anteny, ispolzuemye v sputnikovyykh navigatsionnykh sistemax, apparature sputnikovoy s'emki.

#### **Annotation**

This textbook is intended for students of 5313400 - "Geodesy and Geoinformatics", which describes the design and operation of electronic taximeters, digital levels, surface laser scanners and drones. It also describes the antennas used in satellite navigation systems and satellite surveying equipment.

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