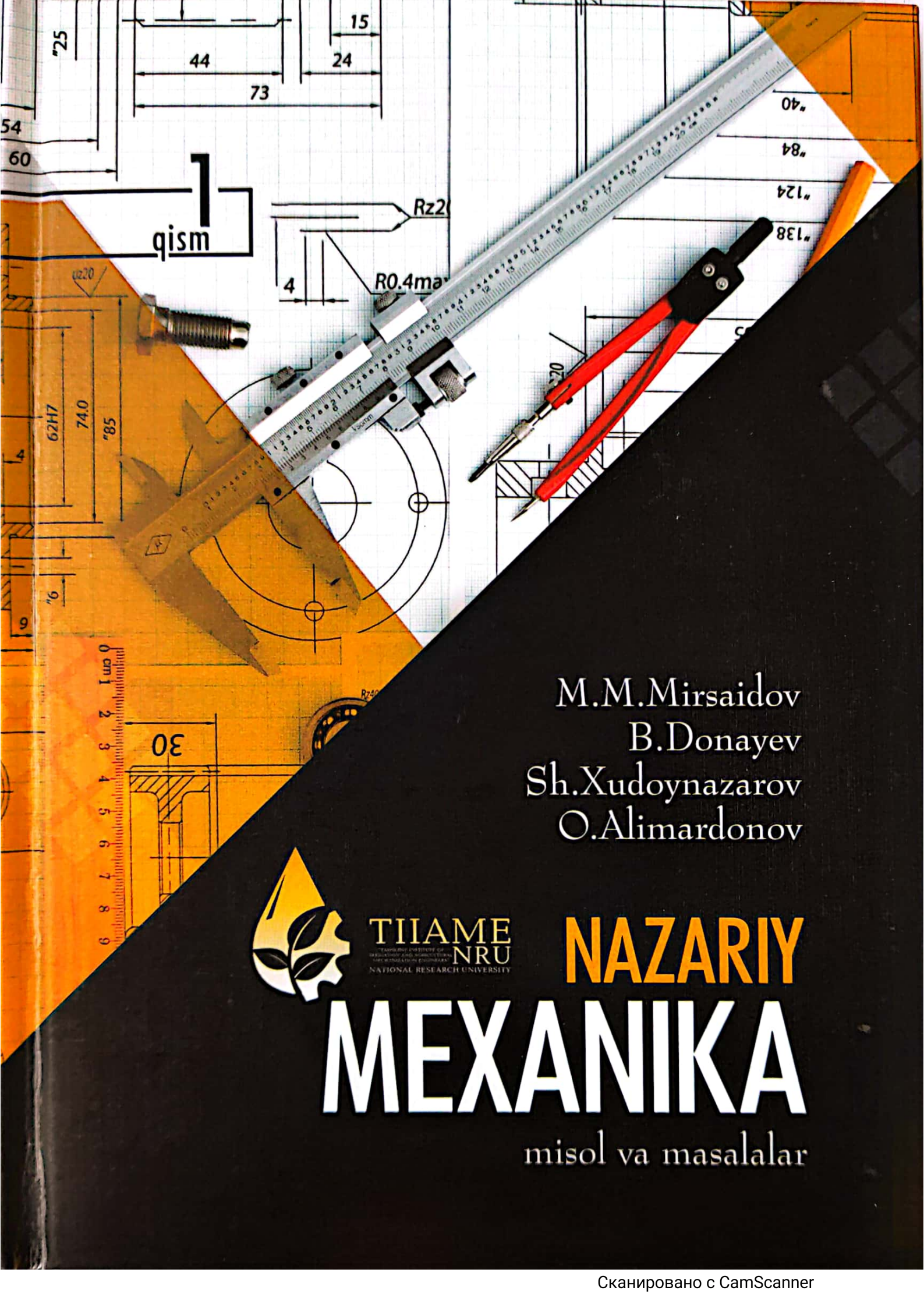




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NAZARIY MEXANIKA

misol va masalalar

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

**MIRSAIDOV MIRZIYOD
DONAYEV BURXON
XUDAYNAZAROV SHERZOD
ALMARDONOV OYBEK**

NAZARIY MEXANIKA

I QISM

(MISOL VA MASALALAR)

*O'zbekiston Respublikasi Oliy va o'rta maxsus ta'lim vazirligi
tomonidan o'quv qo'llanma sifatida foydalanishga
tavsiya etilgan*

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O'quv qo'llanmada "Nazariy mexanika" fanining statika va kinematika bo'limlari bo'yicha amaliy mashg'ulotlarni o'tkazish uchun zarur bo'ladigan nazariy ma'lumotlar, masalalarni yechish tartibi, mustaqil yechish uchun misol va masalalar to'liq keltirilgan. Ba'zi masalalar har xil usullar bilan yechilib, masalalarning yechilish tartibi batafsil tushuntirilgan va olingan natijalar solishtirilib qo'llanilgan usullar tahlil qilingan.

Ushbu o'quv qo'llanma oliy o'quv yurtlarining mashinasozlik, sanoat, qurilish, suv xo'jaligi va texnikaning boshqa yo'nalishlari bo'yicha bilim oluvchi bakalavriat talabalari uchun mo'ljallangan bo'lib, undan magistrilar, ilmiy tadqiqotchi va izlanuvchilar ham keng foydalanishlari mumkin.

The textbook contains the necessary materials for the course of "Theoretical Mechanics" for practical exercises in statics and kinematics; it discusses in detail theoretical questions, methods of solving problems and gives a sufficient number of examples of their independent implementation. It also gives a detailed solution to some problems (various options) and the solutions obtained are compared to analyze the effectiveness of the technique.

This textbook is intended for bachelor students studying in mechanical engineering, industry, construction, water management, and other technical areas. It can also be useful for masters, graduate students, and researchers.

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