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TIBBIYOTDA DIFFERENSIAL TENGLAMALARNI FARMATSIYA SANOATIDA QO'LANISHI

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ANNOTATSIYA

Bugungi kunda globallashuv tufayli har yili texnologiyalar takomillashmoqda, tibbiyot sohasida yangi bilimlar va tadqiqotlar paydo bo'layapdi. Texnologiyani yaratish uchun olimlar hisob-kitoblarga muhtoj, bu erda ular differentsial tenglamalarsiz hech narsa qila olmaydilar. Dunyoda faoliyat o'zgarib bormoqda matematik modellashtirish bilan bog'liq tibbiy xodimlar, amaliyotda qo'llaniladigan statistika va boshqa hodisalar.

Iqtisodiy ta'lim mutaxassislari o'z bilim va qobiliyatini turli sohalarda qo'llashni nazarda tutadi. Kasbiy vakolatlarni shakllantirishda matematik bilimlarni tibbiyotda qo'llash orqali ko'rib chiqamiz. Ushbu maqolada, matematikaning tibbiyotdagi roli diagnostik protseduralarni amalga oshirishda yordam berishdan iborat. Hozirgi vaqtda kasalliklarni davolash usullari va diagnostikasi sezilarli darajada kengaytirilgan. Tibbiy markazlarning ayrim yo'nalishlari bo'yicha matematik modellashtirish usullardan foydalanadi, bu tashxisni aniq qo'yilishini oshiradi. Shifokorlar tomonidan matematika asoslarini bilishi inson tanasida sodir bo'ladigan jarayonlarning xususiyatlarini o'rganishda qo'laniladi. Misol tariqasida, Tabletka shaklidagi dori moddalarini yaritish. "Eritma" tajribasiga ta'sir etuvchi modda miqdorini aniqlashga mo'ljallangan bo'lib, qo'llanmada ko'rsatilgan sharoitlarda yoki normativ hujjatlarga ko'ra, ma'lum bir vaqt ichida aniq dozalangan qattiq shakldan eritma shakliga keltirish.

Kalit so'zlar: Model, differentsial tenglama, integral, logarifim

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APPLICATION OF DIFFERENTIAL EQUATIONS IN MEDICINE IN THE PHARMACEUTICAL INDUSTRY

ABSTRACT

Today, due to globalization, technology is improving every year, new knowledge and research in the field of medicine is emerging. To create technology, scientists need calculations, where they can't do anything without differential equations. Activities in the world are changing medical personnel related to mathematical modeling, statistics applied in practice and other phenomena

Specialists in economics are expected to apply their knowledge and skills in a variety of fields. We will consider the application of mathematical knowledge in medicine in the formation of professional competencies. In this article, the role of mathematics in medicine is to assist in the implementation of diagnostic procedures. At present, the methods of treatment and diagnosis of diseases have been significantly expanded. Some areas of medical centers use mathematical modeling techniques to increase the accuracy of the diagnosis. Physicians' knowledge of the basics of mathematics is used to study the properties of the processes that take place in the human body. As an example, dissolving drugs in tablet form. The "solution" is intended to determine the amount of substance that affects the experiment and to convert it from a solid form into a solution in a specific dosage over a period of time under the conditions specified in the manual or according to the normative documents

Keywords: Model, differential equation, integral, logarithm