Сбирка 30
27 май 2021 г. (четвъртък)
от 11:00 г.
в 423 ауд. на ФМИ

Тема:

THE DIMENSION Dind OF FINITE TOPOLOGICAL T_0–SPACES

Лектор: проф. д-р Димитриос Георгиу (Университета на Патра, Гърция)

Резюме: A.V. Arhangelskii introduced the dimension Dind and some properties of this dimension have been studied by V.A. Chatyrko, B.A. Pasynkov and W. Kulpa. In this talk, we present the study of this dimension for finite T_0-spaces. Especially, we present that in the realm of finite T_0-spaces, Dind is less than or equal to the small inductive dimension ind, the large inductive dimension Ind and the covering dimension dim. We also give the „gaps" between Dind and the dimensions ind, Ind and dim, presenting various examples which shows these „gaps". Moreover, in this field of spaces, we present characterizations of Dind, inserting the meaning of the maximal family of pairwise disjoint open sets, and give properties of this dimension.

Ръководител на семинара: проф. дмн М. Манев