A Geometric Interpretation of the Constituents of Families of Sets

Tengiz Tetunashvili I. Vekua Institute of Applied Mathematics, Tbilisi State University, Department of Mathematics, Georgian Technical University, Tbilisi, Georgia e-mail: <u>tengiztetunashvili@gmail.com</u>

In our talk we consider some questions concerning geometrical realizations of families of sets. Namely, several geometrical realizations of families of sets in the finite-dimensional R^n spaces are discussed with the corresponding algorithms. Also, some theorems establishing different properties of constituents of the above-mentioned realizations are presented.