

My diploma work focuses on geometrical environments geoboard, dotted paper, grid paper and triangular paper together. At first, I try to apply this experiment on myself, thus I discover the Pick's formula for a triangular paper. Consequently I apply different levels of a cognitive process on my procedure. By doing this I am trying to go through the same process the children experience during the experiments. My next part deals with a problem of how such aspects could be used in order to get the expected outputs from "RVP" and how these aspects are understood in textbooks. The last part contains the actual experiments with children in the geometrical backgrounds described above.