

This diploma thesis is dealing with the study of the block fields in the Krkonoše Mountains. One of the features with which it is dealing is their distribution in the study area and it searches the influence of this distribution in the dependance on the morphometric character of the relief. Moreover, the inner and outer characteristics of the structure of the block fields are being studied. The outer structure was firstly investigated on the basis of the morphometric characteristics observed in DMR (digital model of relief) and orto photo maps and subsequently the characteristics of the inner structure were studied during the terraine geomorphologic researching. The following data were observed - for the outer characteristics: litology, exposition of the slope, angle of the block fields, area (log), index of the solar radiation, the length of the axis x and y of the block fields, excentricity of the shape of the block field, the altitude; and for the outer characteristics: deviation of the axis x from the downslope, the location of the block, angularity of the block, 'R' values, the length of the axis x and y of the block, the height of the block, excentricity of the block, inclination of the block and angle of the block. The influence of the given characteristics on the accumulation of the block fields and their mutual resemblance were statistically interpreted on the basis of the achieved data. Finally, it was investigated if the inner structure distribution influences the outer structure.