

The main task of this thesis was to create web pages for teaching High School combinatorics. During working on the thesis, there were only incomplete or, very brief web pages with this theme on the Internet and many of them did not exploit it's possibilities. The web pages were static and there were very few references to the other pages. This was more exploited on the English web pages. Some of the existing web pages are classified in the first part of this thesis. The second part contains new web pages. The pages are constructed using HTML language, the scripts are made in JavaScript and the graphic layout is defined mainly in the extern CSS files.

The pages are intended for self-studying, but it is also possible to use them in school education. The pages contain the explanation of combinatorics, solved examples and exercises. By clicking the specified icon it is possible to show the answers to the exercises. Some of them (mainly the more difficult ones) have hidden hints or contain the whole solution.