

The aim of this paper is to describe QR codes. First of all we focus on a description of a structure and then we deal with decoding, more specifically with the part which uses the theory of error-correcting codes. From the viewpoint of this theory QR codes can be perceived as an instance of Reed-Solomon codes. For that reason the paper deals with elementary properties of RS codes and with one of the techniques of decoding, concretely Euclidean decoding algorithm. An example shows the knowledge and furthermore the paper includes detailed description of mathematical principle of used algorithm.