
Below we use the following notation:
Txbk – "Codinig theory and Cryptography" by Hankerson & others.

We may also use notations:
◊ – the proof is not obligatory,
⧫ – an important topic.
Th - Theorem, Pr - Proposition, Lm - Lemma.

Content of lectures 16-17.

Lecture 16.

Correcting errors for a RS-code – continuation.
Getting it proved that $\sigma(X) = d \cdot u_N$ and $\omega(X) = d \cdot r_N$.
Finding the error location numbers.
Finding the error magnitudes.
Examples.

Lecture 17.

⧫ The error correction algorithm based EA: outline of the steps.
⧫ The right formula for finding error magnitudes with the use of u'_N.
Solving tasks.

†There is no corresponding text in Txbk, we follow more or less Foundation of coding by Juri Adamek, ch.13.