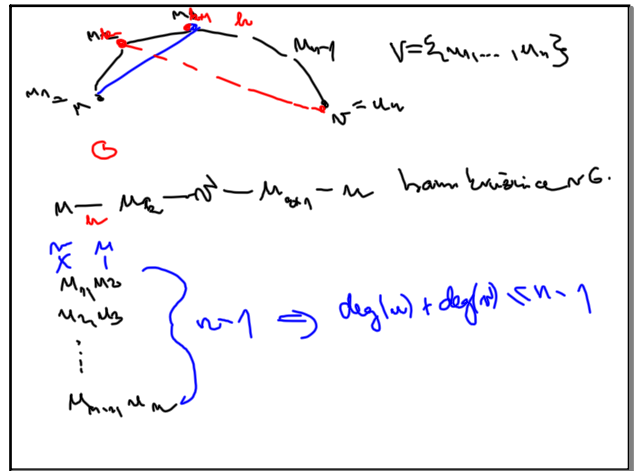
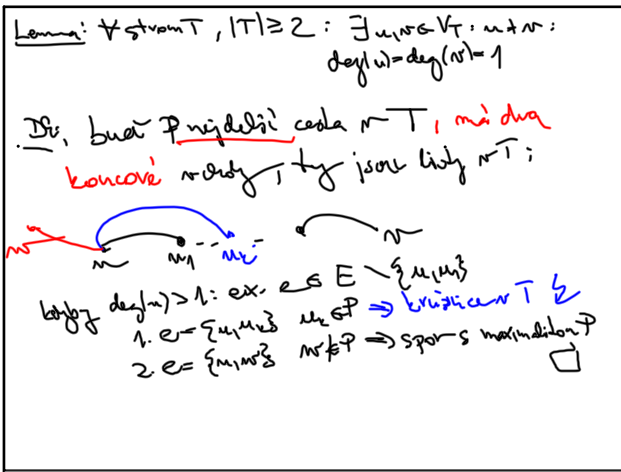


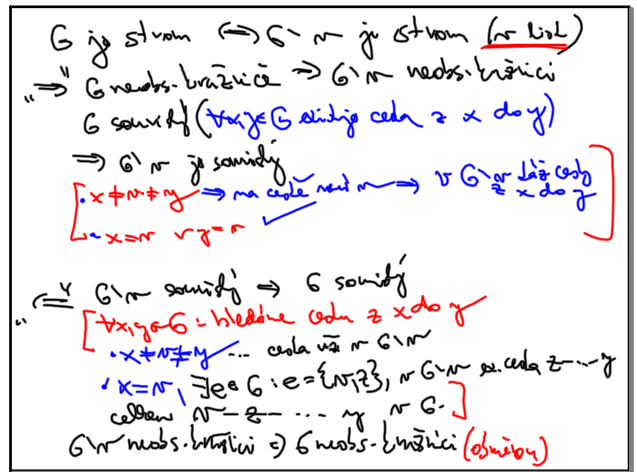
11 24-14:55



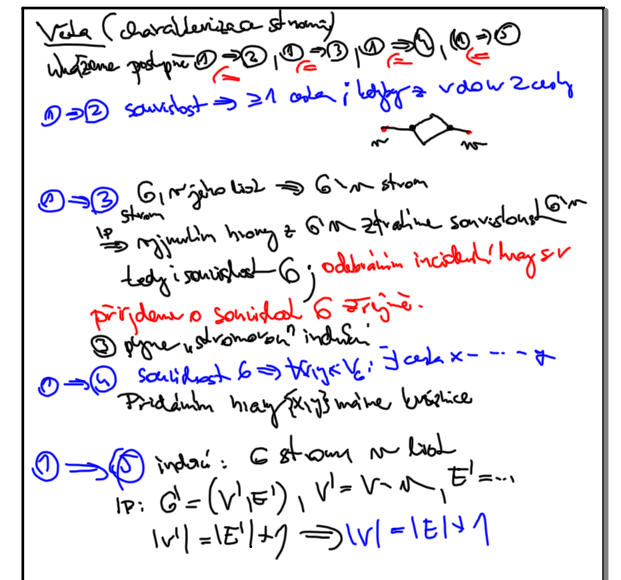
11 24-15:12



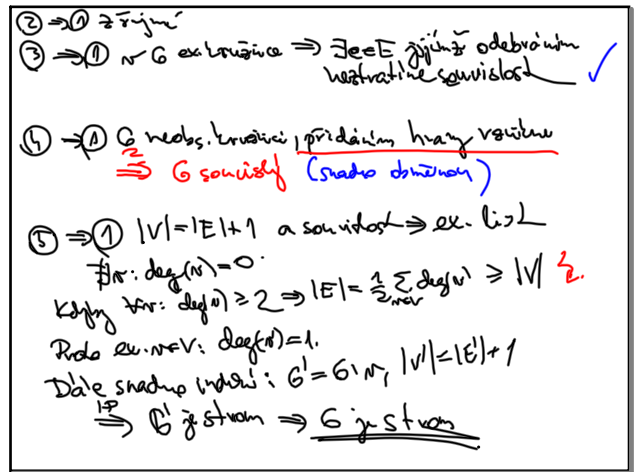
11 24-15:20



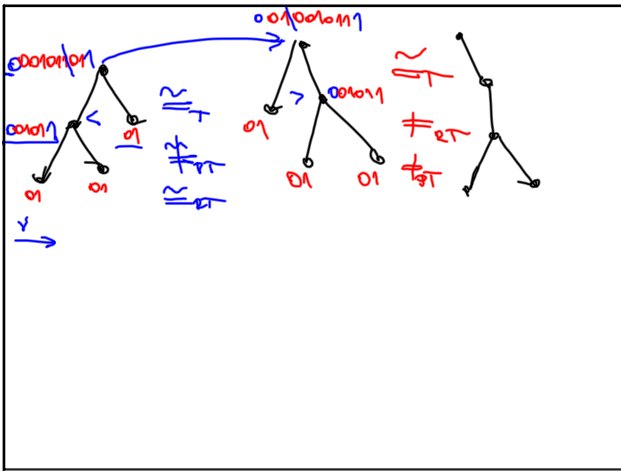
11 24-15:26



11 24-15:33



11 24-15:47



11 24-15:55

Eulerov vektor : indukci pro $|E|$:

I. $|E|=0 \Rightarrow |V|=1 \Rightarrow |S|=1 \quad |V|+|S|=|E|+2$

II. $|E|=n, IP$ pro souvislé rovinné grafy $G=(V,E)$
 $|E'| < |E|$

a) G je strom \Rightarrow platí

b) e je souvislý a obsluhováno C , $\text{bnd } e \in C$,
 možná $E' = E \setminus e$.

$|E'| = |E| - 1$
 $|V'| = |V|$
 $|S'| = |S| - 1$
 $|V'| + |S'| = |E'| + 2 \Rightarrow |V| + |S| = |E| + 2 \quad \square$

11 24-16:37