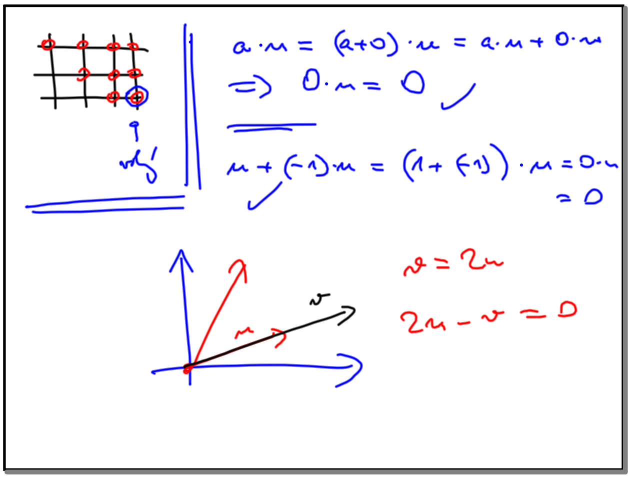
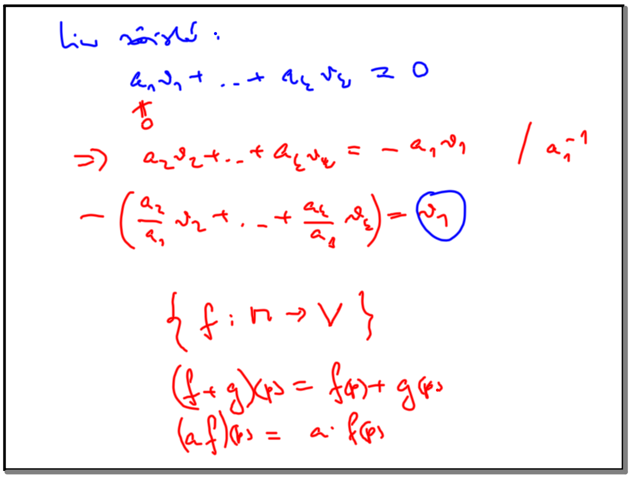
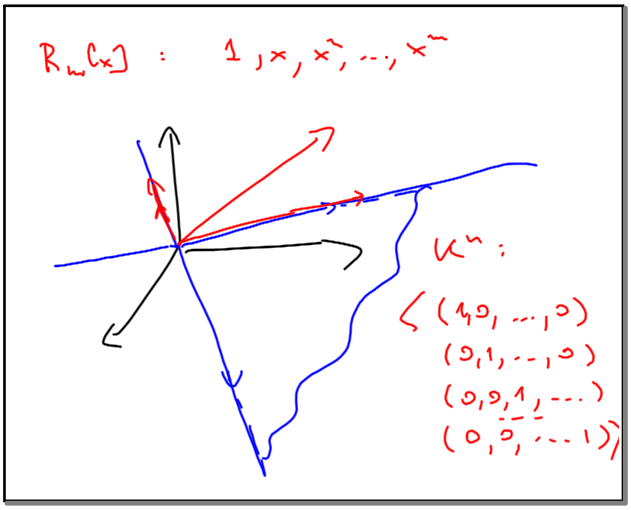


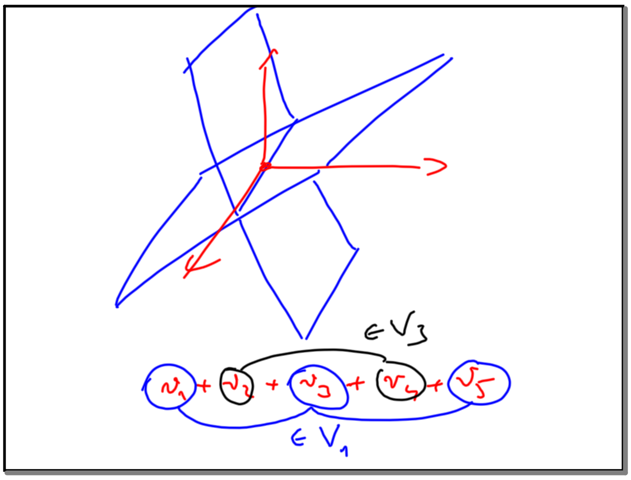
11 8-18:03



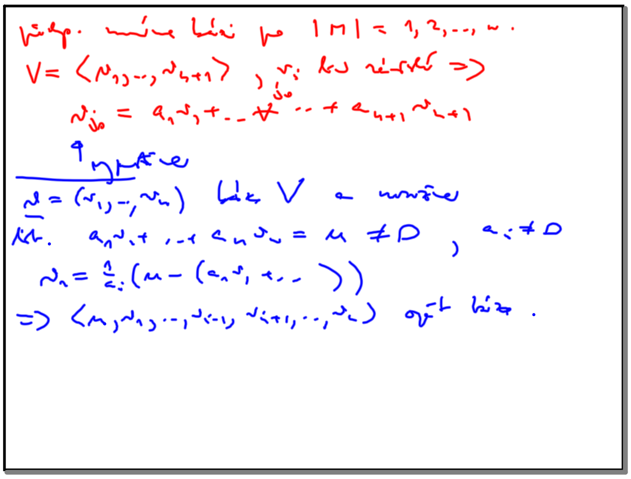
11 8-18:19



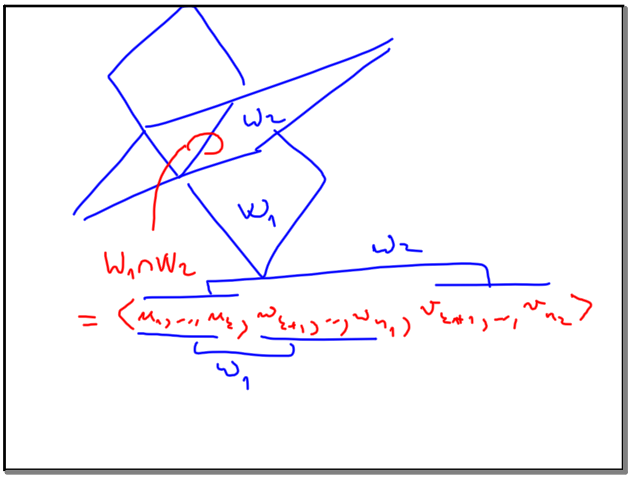
11 8-18:27



11 8-18:36



11 8-18:52



11 8-19:06

$\nu : V \to K^n$

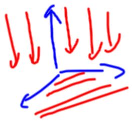
$u = a_1 v_1 + \dots + a_n v_n$

$w = b_1 v_1 + \dots + b_n v_n$

$u + w = (a_1 + b_1) v_1 + \dots + (a_n + b_n) v_n$

$f : \mathbb{R}^3 \to \mathbb{R}^2 \quad \begin{pmatrix} x \\ y \\ z \end{pmatrix} \xmapsto{B} \begin{pmatrix} x+y \\ z-x \end{pmatrix}$

$B = \begin{pmatrix} 1 & 1 & 0 \\ -1 & 0 & 1 \end{pmatrix}$



$\begin{pmatrix} x \\ y \\ z \end{pmatrix} \mapsto \begin{pmatrix} x \\ y \end{pmatrix}$

$A = \begin{pmatrix} 1 & 0 & 0 \\ 0 & 1 & 0 \end{pmatrix}$

11 8-19:12