

(*) Ax= 8 hr bosing for alle 8 = R5

Kan da 60 ha flere en & lasning? 2,3,20 AX = I losning for alle I = RS og f) That x → Ax er 1-1 (injekriv) Hris $A\vec{x} = \vec{i}$ has mos en en losning, so finnes \vec{x} as $\vec{y} (\vec{x} \pm \vec{y})$ med finnes $A\vec{y} = A\vec{x} = \vec{i}$ interest Man dut better out (interest (= \vec{i})) $\vec{x} \mapsto A\vec{x}$ (= \vec{i}) $\vec{x} \mapsto A\vec{x}$ interest interest interest interest interest in the series in the series

sep 10-14:29

3.22 2x2 matrice
$$A = \begin{bmatrix} a & d \\ d & d \end{bmatrix}$$

$$A = \begin{bmatrix} a + kc & b + kd \\ c & d \end{bmatrix}$$

$$A = \begin{bmatrix} a + kc & b + kd \\ c & d \end{bmatrix}$$

$$A = \begin{bmatrix} a + kc \\ d \end{bmatrix} + \begin{bmatrix} b + kd \\ c \end{bmatrix} = \begin{bmatrix} a + kd \\ d \end{bmatrix}$$

$$A = \begin{bmatrix} a + kc \\ d \end{bmatrix} + \begin{bmatrix} a + kd \\ d \end{bmatrix} = \begin{bmatrix}$$

$$W = \begin{cases} pe R_n & pe R_n \\ pe R_n & pe R_n \\ \hline Pe R_n & pe R_n \\ \hline$$

sep 10-14:44

4.1.20
$$\begin{bmatrix} (a,b) = \begin{cases} f:[a,b] \rightarrow R & f \text{ konveinbely} \end{cases}$$
Ha må syklika for å visk och Clab v ett

verbxo(com?

The bing:

At summer and to kent funksjoned

On fa or kent, så v også $g(t) = cf(t)$

On $f(a)$ or kent, så v også $g(t) = cf(t)$

On $f(a)$ of kent, så v også $g(t) = cf(t)$

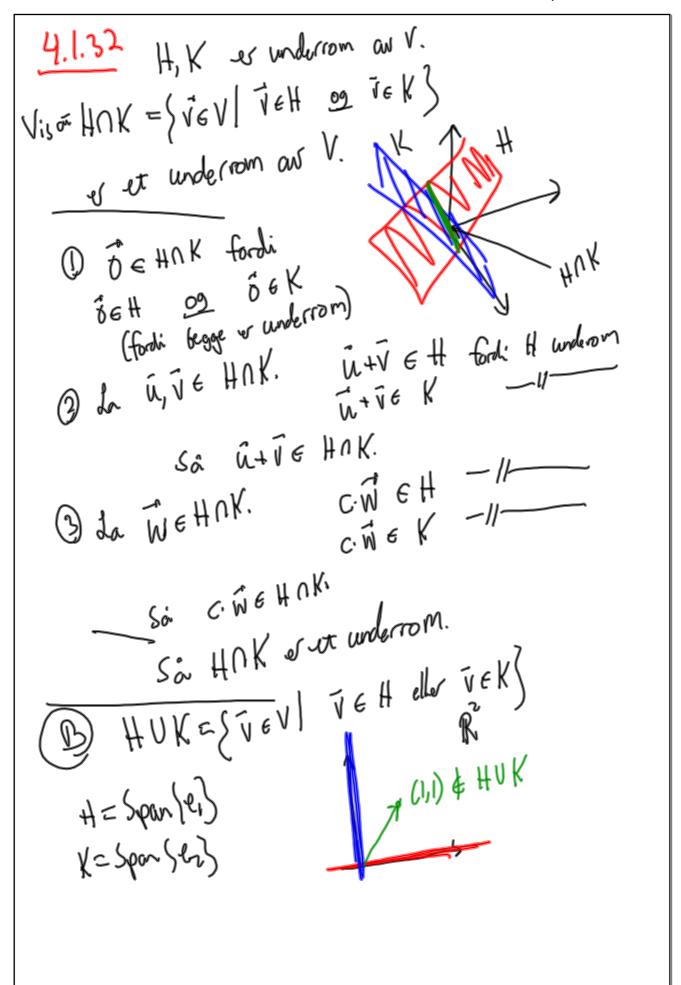
On $f(a)$ of $f(a)$

9.2013.notebook

September 10, 2013

$$\frac{4.1.38}{f(x)} = \frac{1}{3} \sin^{2} t + \frac{1}{3}$$

sep 10-15:03



4.2.12
$$W = \begin{cases} 3e^{-5}9 \\ 9+1 \end{cases}$$
 $P_{1} = 7$ $P_{2} = 7$ $P_{3} = 7$ $P_{4} = 7$ $P_{4} = 7$ $P_{4} = 7$ $P_{5} = 7$ $P_{6} =$

sep 10-15:37

4.2.36

T:V
$$\rightarrow$$
 W \geq Z

Sych or U or or underrown.

Sych or U or or underrown.

Si $\delta \in U$:

T($\delta = \delta \in Z$ forth $\delta \in U$.

3 $u, v \in U$.

T($u + v$) = $T(u) + T(v)$

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Si siden sum er med : $\delta = \delta = 0$.

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Si $\delta = 0$.

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4.240
$$\begin{aligned}
& \text{H} = \text{Span} \left\{ \begin{bmatrix} 5 \\ 2 \\ 1 \end{bmatrix} \right\} \begin{bmatrix} 2 \\ 4 \end{bmatrix} \right\} \quad \vec{V}_1 \quad \vec{V}_2 \\
& \text{H} \cap K \quad \text{so in fig. i. } \quad \vec{P}_2 \cdot \vec{V}_1 \quad \vec{V}_2 \cdot \vec{V}_3 \quad \vec{V}_4 \quad \vec{V}_4$$