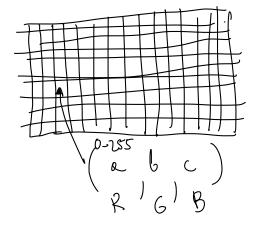
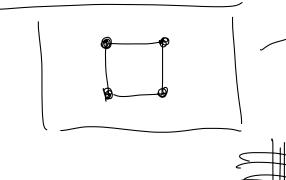
## GRAFIK A

BITMAPOLIA

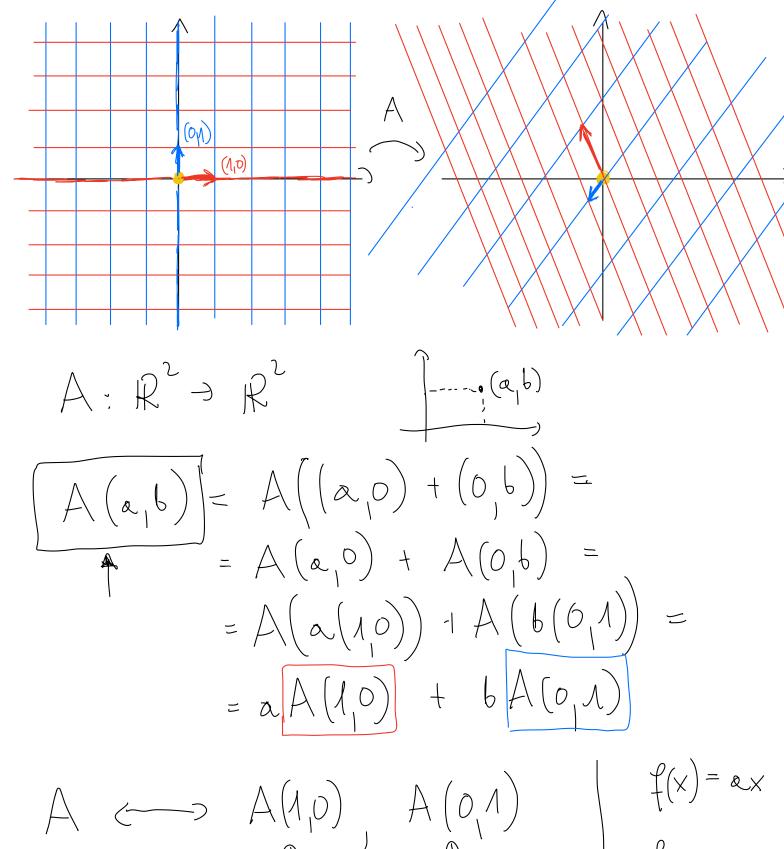


LEKTOROUA OPIS MATEMATYCINY

- prosta prosta ohuplas oddahi



Prelisitélaire linione A: Rm -> Rn funkça Unova  $\left|f(x)=\alpha x+b\right|$  $A(\vec{x} + \vec{y}) = A(\vec{x}) + A(\vec{y})$  ADDY TYLNOSO $f: \mathbb{R}^1 \to \mathbb{R}^7$ Funkyo Linlova jest pre. Liniousus 2)  $\bigwedge_{\alpha \in \mathbb{R}} \bigwedge_{\bar{x}} \bigwedge_{\alpha \in \mathbb{R}} \bigwedge_{\bar{x}} \bigwedge_{\alpha \in \mathbb{R}} \bigwedge_{\alpha \in \mathbb$ (=) b=0 JEDNORODNOS C f(x +5)= &(x+5)= = ax + ay = = f(x) + f(y)///  $A: \mathbb{R}^2 \to \mathbb{R}^1$  $f(\alpha x) = \alpha(\alpha x) =$ (1) 0 > 0  $= \propto (\alpha x)^{2}$   $= \propto f(x)$ 2) proste -> preste 3) preste réprolèple proste røvholephe 2 acholyje odleptosa migory pevam, prostyd rømholephych  $f(x) = \mathbf{Q} x$ f (-) a 



$$A(1,0) A(0,1) f(x) = ex$$

$$A(1,0) = (x, \beta) A(0,1) = (x, \delta)$$

$$A \leftarrow \alpha, \beta, \delta, \delta$$

A 
$$\rightarrow$$
  $A(1,0)$ ,  $A(0,1)$  ( $\rightarrow$   $\alpha$ ,  $\beta$ ,  $\gamma$ ,  $\delta$ 

A ( $\rightarrow$ ) [( $\alpha$ ) [ $\beta$ ) [ $\delta$ ]

$$A(1,0)$$
  $A(0,1)$ 

$$A(1,0) + bA(0,1) = (a\alpha, a\beta) + (b\gamma, b\delta) = (a\alpha + b\gamma, a\beta + b\delta)$$

$$A(1,0) + b(1,0) + bA(0,1) = (a\alpha, a\beta) + (b\gamma, b\delta) = (a\alpha + b\gamma, a\beta + b\delta)$$

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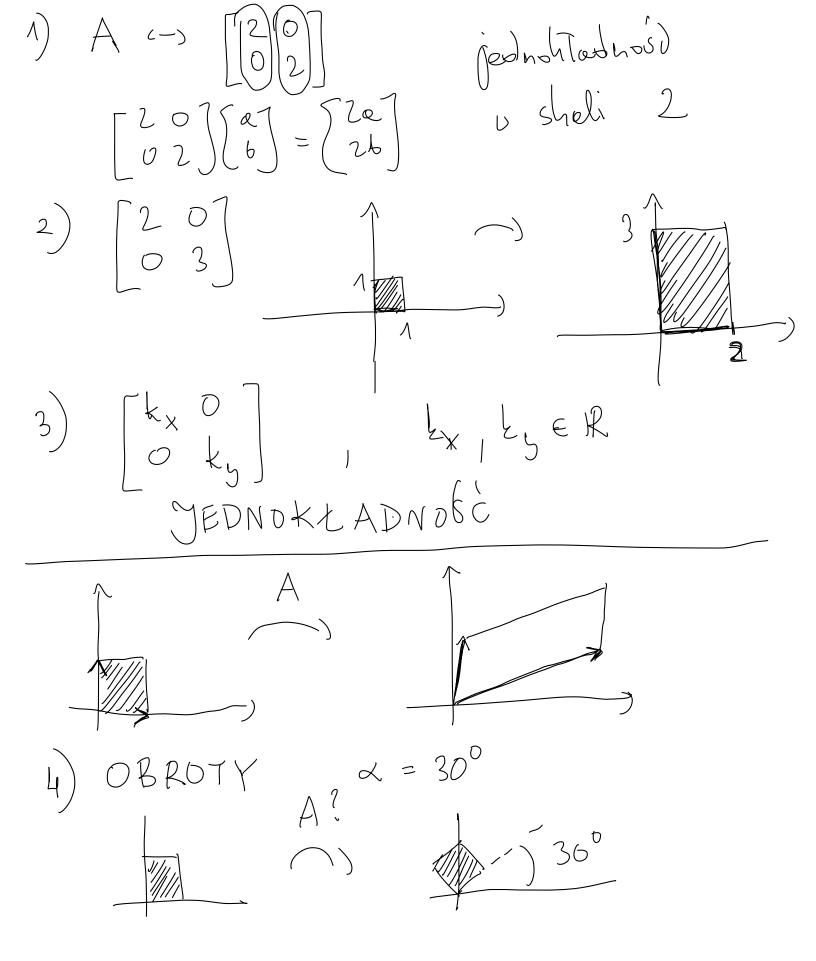
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$$\frac{1}{200} \cdot t = (ab) = a + bi$$

$$= (a + bi) \cdot (\cos \frac{\pi}{6} + i\sin \frac{\pi}{6}) = \frac{1}{6} \cdot (a\sin \frac{\pi}{6} + b\cos \frac{\pi}{6})$$

$$= a\cos \frac{\pi}{6} - b\sin \frac{\pi}{6} + i(a\sin \frac{\pi}{6} + b\cos \frac{\pi}{6})$$

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