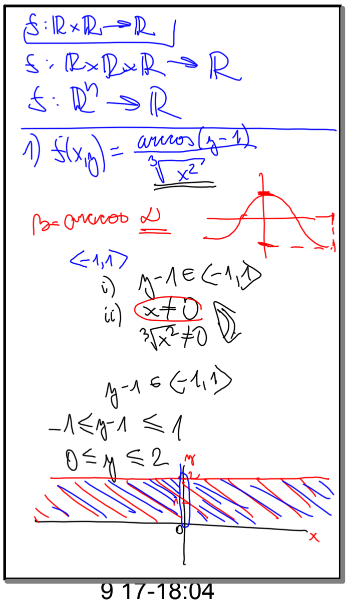
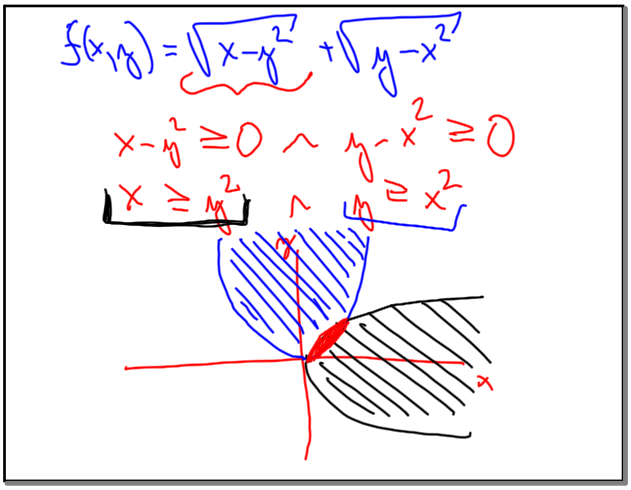


9 17-18:04



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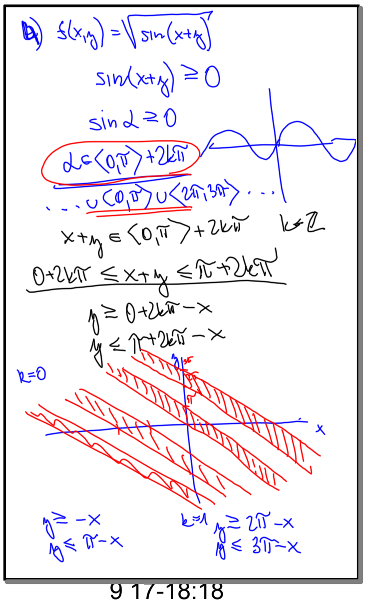

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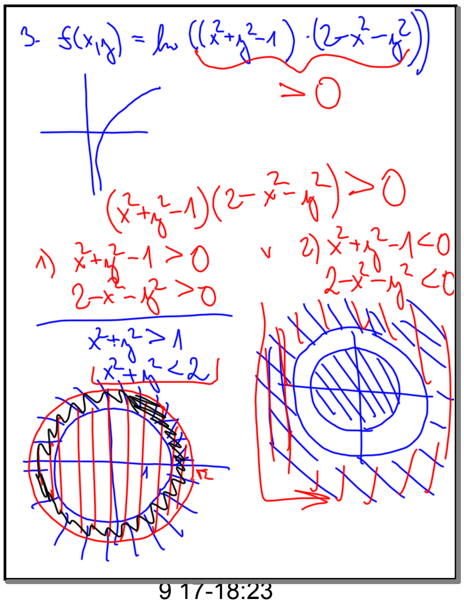

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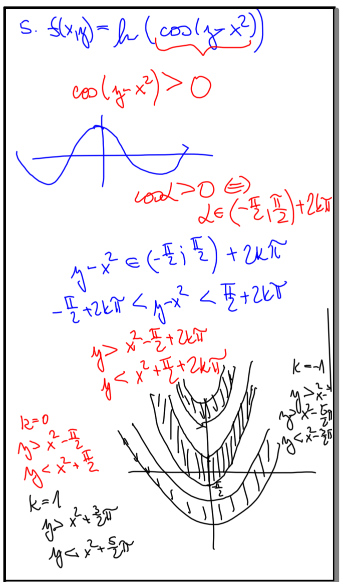

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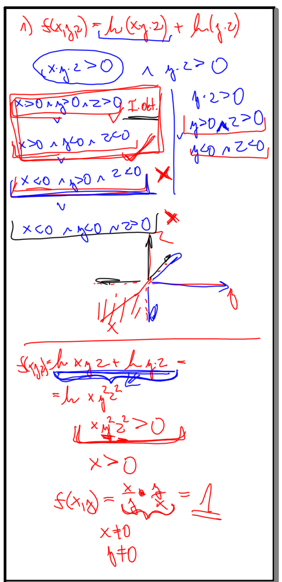

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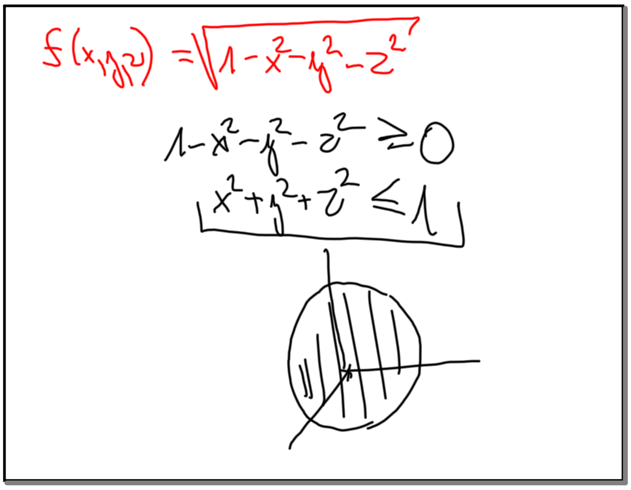
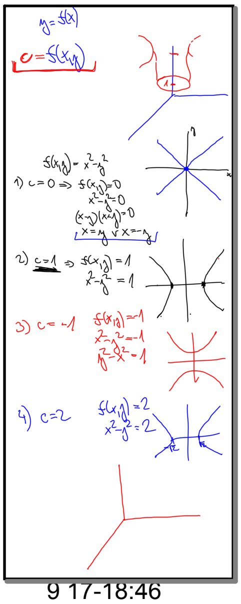


9 17-18:44



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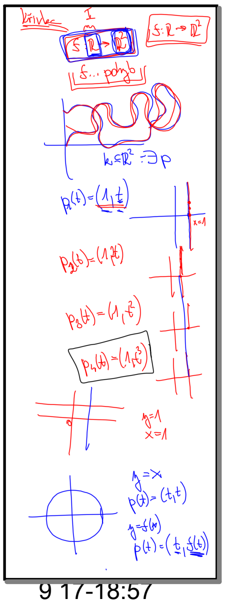

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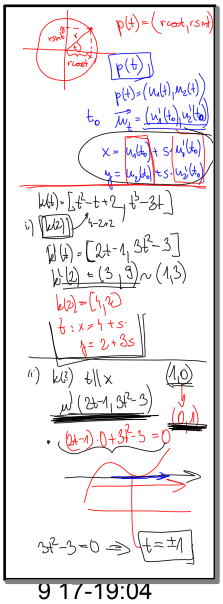
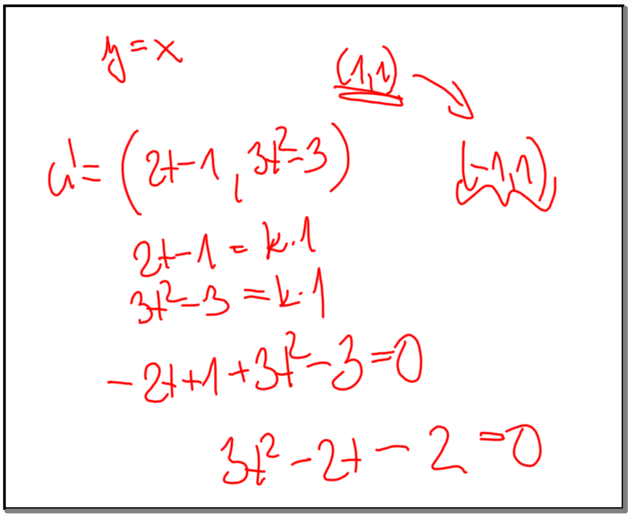


9 17-19:04



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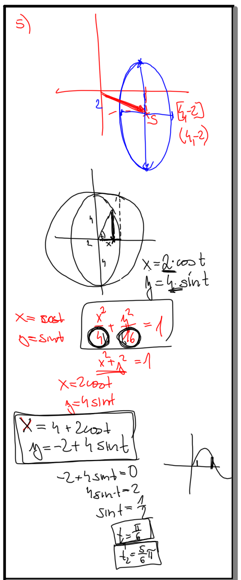

9 17-19:16

$t = \frac{\pi}{6}$

$t_2 = \frac{5}{6}\pi$

$\Sigma(t) = (2\cos t, 4\sin t)$

$\Sigma'(t) = (-2\sin t, 4\cos t)$

$\Sigma'(\frac{\pi}{6}) = (-2\sin\frac{\pi}{6}, 4\cos\frac{\pi}{6})$

$\Sigma'(\frac{\pi}{6}) = (-1, 2\sqrt{3})$

$t: x = \frac{\pi}{6} + s(-1)$

$y = 0 + s\, 2\sqrt{3}$

9 17-19:26

$\vec{s}(t) = (4\cos t, -4\sin t, 2t)$

$\vec{s}'(t) = (-4\sin t, -4\cos t, 2)$

$k(-2)$

$((4\cos(-2), -4\sin(-2), -4)$

$\vec{s}'(t) = (-4\sin(-2), -4\cos(-2), 2)$

$t_1: x = 4\cos(-2) + s(-4\sin(-2))$

$y = -4\sin(-2) + s(-4\cos(-2))$

$z = -4 + 2s$

$z = 0 \Leftrightarrow -4 + 2s = 0$

$s = 2$

9 17-19:30

9 17-19:00