

7 LIMITE IN ZVEZNOST FUNKCIJ

1. Izedansje breit:  $10 \quad \lim_{n \to \infty} \frac{\mathrm{d} d (2n)}{\sqrt{2x+2}-2} \qquad |0\rangle \quad \lim_{n \to \infty} \left( \frac{n^2}{3n^2+2} - \frac{2n^2}{6x+1} \right)$ (Belline:  $|0\rangle \ln |0\rangle \frac{1}{10}$ 

Reflect (a) to (b)  $\frac{1}{10}$ d)  $\lim_{\mu \to 0} \frac{\dot{\alpha}(\mu, 1)\kappa}{\sqrt{2\pi^2 \delta_{\alpha} - \chi_{\alpha}}} : \int_{\mathbb{R}^{2n}} \frac{\dot{\beta}(\mu, \frac{1}{2})\kappa}{|\sqrt{2\pi^2 \delta_{\alpha} - \chi_{\alpha}}|} \frac{\dot{\gamma}(\chi_{\alpha})\kappa}{|\sqrt{2\pi^2 \delta_{\alpha} - \chi_{\alpha}}|} \frac{\dot{\gamma}(\chi_{\alpha})\kappa}{|\chi_{\alpha}|} \frac{\dot$ 

= fine some (1/2009 15) + fine some (1/2009 17) .

= 45+3=6

 $\int_{\Gamma} \int \int_{X=0}^{\infty} \left( \frac{\chi^2}{3\chi^2 + 2} - \frac{2\chi^2}{8\pi^2 4} \right) = \int_{X=0}^{\infty} \left( \frac{\chi^2(6\pi^2)^2 - 2\chi^2(3\chi^2 + 2)}{(9\chi^2 + 2)(6\pi^2)^2} \right).$ 

 $= \lim_{y \to 0} \frac{(yx^3 + y^3 + 6y^3 + 6y^3 + 6y^3)}{x^3 + 6y^3 + 3y^3 + 6y^3 + 2} = \lim_{y \to 0} \frac{x^3 + 6y^3 +$ 

2. Delabler a toka, du bu keskrija  $f(a) = \begin{cases} \frac{\pi^{\frac{n-2(d-1)}{2}}}{\pi^{\frac{n-2(d-1)}{2}}} & x>6 \\ \alpha & x\leq 4 \end{cases}$ 

nersu. Notifice  $\Gamma \text{ unique}, \ b \text{ is } \lim_{t \to +\infty} |f_t| = \lim_{t \to +\infty} |f_t| = \frac{1}{|t|} \sum_{t = 0}^{\infty} \|f_t\|_{L^2} \text{ unique} \text{ Porca is inversed as } 1 + \frac{1}{|t|} \sum_{t = 0}^{\infty} |f_t|^2 + 2 \text{ all } t \text{ upwards Principle-large provide delatine } \lim_{t \to +\infty} |f_t|^2 + 2 \text{ int} \sum_{t = 0}^{\infty} |f_t|^2 + 2 \text$ 

• Lim JM = Lim JM = J(4)

 $\bullet \ \, \int_{\substack{y \in \mathcal{Y} \\ y \in \mathcal{Y}}} \frac{\sqrt{\alpha + (x - y)}}{\sqrt{\alpha^2 - y}} = \int_{\substack{x \in \mathcal{Y} \\ y \in \mathcal{Y}}} \frac{\left[ \frac{(x + y - y)}{\sqrt{\alpha^2 + y}} \right] \left( \frac{x}{\sqrt{\alpha^2 + y}} \right] \left( \frac{x}{\sqrt{\alpha^2 + y}} \right) \left( \frac{x}{\sqrt{\alpha^2 + y}} \right)}{\left( \frac{x}{\sqrt{\alpha^2 + y}} \right) \left( \frac{x}{\sqrt{\alpha^2 + y}} \right) \left( \frac{x}{\sqrt{\alpha^2 + y}} \right)} \ \, ,$ 

 $=\int_{\frac{1}{2}}^{1}\frac{\left(\pi+6x-2\cdot5\right)\left(\sqrt{x}+2\right)}{\left(x-4\right)\left(\sqrt{x}+6x+5\right)} \to \int_{\frac{1}{2}}^{1}\frac{\left(6x-2\cdot6\right)\left(\sqrt{x}+2\right)}{\left(x-4\right)\left(\sqrt{x}+6x+5\right)}=$ 

 $=\int_{\mathbb{R}^{2n}}\frac{b\left(x^{-k}\right)\left(\sqrt{x_{k}}+2\right)}{\left(x^{-k}\right)\left(\sqrt{x_{k}}+2\right)}=:\int_{\mathbb{R}^{2n}}\frac{b\left(\sqrt{x_{k}}+2\right)}{\left(x^{2}+bx^{2}+x^{2}\right)}=:$ 

 $= \frac{\int_{\mathbb{R}} \left( \sqrt{s} + 2 \right)}{\left( \sqrt{s + s \cdot s^{-1} + 5} \right)} + \frac{2 \cdot h_1}{5 \cdot s} + \frac{2 \cdot h_1}{40} + \frac{42}{5}$ 

 $\bullet \lim_{\substack{y \in A \\ y \neq 0}} J(x) = \lim_{\substack{y \in A \\ y \neq 0}} \alpha = \alpha = \lim_{\substack{y \in A \\ y \neq 0}} J(x) = J(x) = \alpha = \frac{42}{5}$ 

6. Bother with, to be being  $f(y) = \begin{cases} \frac{1}{2\pi^2} + \frac{1}{2} + C \\ y = \frac{1}{2} + C \end{cases}$  comes while y = 1. The probability of th

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In District y is a data, the foreign y is y = \frac{1}{2}(y + \frac{1}{2}y - \frac{
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