how to use beamer

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hello

block

This environment is block

alertblock

This environment is alertblock

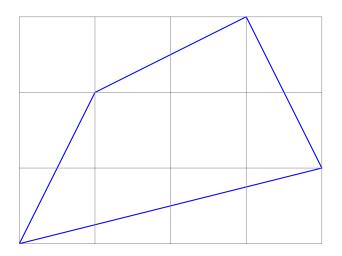
example block

This environment is example block

mathematical formula

$$\int_{-\infty}^{\infty} \frac{1}{\sqrt{2\pi}} e^{-\frac{x^2}{2}} dx$$

tikz



commutative diagram

five lemma

$$M_1 \stackrel{f_1}{\longrightarrow} M_2 \stackrel{f_2}{\longrightarrow} M_3 \stackrel{f_3}{\longrightarrow} M_4 \stackrel{f_4}{\longrightarrow} M_5$$

$$\downarrow h_1 \qquad \downarrow h_2 \qquad \downarrow h_3 \qquad \downarrow h_4 \qquad \downarrow h_5$$

$$N_1 \stackrel{g_1}{\longrightarrow} N_2 \stackrel{g_2}{\longrightarrow} N_3 \stackrel{g_3}{\longrightarrow} N_4 \stackrel{g_4}{\longrightarrow} N_5$$

- (1) h_1 : surjection, h_2, h_4 : injection $\Longrightarrow h_3$: injection
- (2) h_5 : surjection, h_2, h_4 : surjection $\Longrightarrow h_3$: surjection
- (3) h_1, h_2, h_4, h_5 : bijection $\Longrightarrow h_3$: bijection

five lemma

$$M_1 \stackrel{f_1}{\longrightarrow} M_2 \stackrel{f_2}{\longrightarrow} M_3 \stackrel{f_3}{\longrightarrow} M_4 \stackrel{f_4}{\longrightarrow} M_5 \ \downarrow^{h_1} \quad \downarrow^{h_2} \quad \downarrow^{h_3} \quad \downarrow^{h_4} \quad \downarrow^{h_5} \ N_1 \stackrel{g_1}{\longrightarrow} N_2 \stackrel{g_2}{\longrightarrow} N_3 \stackrel{g_3}{\longrightarrow} N_4 \stackrel{g_4}{\longrightarrow} N_5$$