

Kolokwium MAT2, 8.12.2021, IIR 1

Zad 1.

$$\lim_{n \rightarrow \infty} \sqrt[n]{2^n + \sin(n!) + 1}$$

Zad 2.

$$\lim_{x \rightarrow \frac{\pi}{2}^-} (\sin(x))^{tgx}$$

Zad 3.

$$\int \frac{dx}{\sin(x) \cos^2(x)}$$