Study guide for quiz 01

Quiz problems include both the lecture contents and homework problems.

1. Review Limit laws, techniques of to finding limits of the form $\frac{0}{0}$ (such as finding common factors in the numerator and the denominator, rationalizing the numerator or the denominator). Memorize the statement of The Sandwich Theorem and review its applications. Study typical examples of '$\lim\limits_{x \to c} f(x)$ does not exist'.