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Naslov predavanje: On the theorem of Wan for K-quasiconformal hyperbolic harmonic self mappings of the unit disk.
Abstract: We give a new view to the theorem of Wan which is related to the hyperbolic bi-Lipschicity of the K-quasiconformal hyperbolic harmonic mappings of the unit disk $\mathbb{D}$ onto itself. Especially, if f is such a mapping and $f(0) = 0$, we obtained that the following double inequality is valid $2|z|/(K+1) \leqslant |f(z)| \leqslant \sqrt{K}|z|$, whenever $z \in \mathbb{D}$.