

# On two inequalities of Nikishin

V. TARIELADZE

Affiliation: *Georgian Technical University, Muskhelishvili Institute  
of Computational Mathematics, Tbilisi, Georgia*

E-mail: v.tarieladze@gtu.ge; vajatarieladze@yahoo.com

We will discuss a proof of inequalities obtained by Nikishin [1, 2] based on Chobanyan's transference lemma.

Joint work with Sergei Chobanyan.

## References

- [1] E. M. Nikishin, Convergent rearrangements of series of functions, *Mat. Zametki*, 1967, Volume 1, Issue 2, 129-136.
- [2] E. M. Nikishin, Rearrangements of series in  $L_p$ , *Mat. Zametki*, 1973, Volume 14, Issue 1, 31-38.