

Erratum

Proof of the Zalcman conjecture for initial coefficients

[Georgian Math. J. 17 (2010), 663–681]

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The end of the proof of Lemma 3.1 in my paper [1] involves not correctly the upper semicontinuous regularization of the function $\lambda^*(t) = \sup_m \lambda_{g_m}(t) = \lim_{p \rightarrow \infty} \lambda_p(t)$. Instead, one must use for each λ_p the Riesz representation of subharmonic functions, which implies quite simply the upper semicontinuity of the limit function λ^* .

Note that all this does not affect the main Theorem 1.1. In its proof, Lemma 3.1 is only applied to the homotopy disk $F_{b_0, b_1; 1}(\Delta)$. On this disk, $\lambda^*(t)$ is circularly symmetric and convex with respect to $\log|t|$, thus continuous (and subharmonic).

Bibliography

- [1] S. L. Krushkal, Proof of the Zalcman conjecture for initial coefficients, *Georgian Math. J.* **17** (2010), 663–681.

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