Retraction: "Quasi-projectivity of moduli spaces of polarized varieties"

By Georg Schumacher and Hajime Tsuji

In his article [1] *János Kollár* has published a counterexample to the main result Theorem 1 of the paper [2].

The critical point is that in general the positive curvature current of the singular hermitian metric on the constructed holomorphic line bundle does not have vanishing Lelong numbers (cf. Theorem 4 and Theorem 5) as claimed. Consequently the quasi-projectivity criterion of the paper cannot be applied.

References

[1] J. Kollár, Non-quasi-projective moduli spaces, *Ann. of Math.* (2) **164** no. 3 (2006), 1077–1096. MR 2259254. Zbl 1140.14011. https://doi.org/10.4007/annals.2006.164.1077.

[2] G. Schumacher and H. Tsuji, Quasi-projectivity of moduli spaces of polarized varieties, *Ann. of Math.* (2) **159** no. 2 (2004), 597–639. MR 2081436. Zbl 1068.32011. https://doi.org/10.4007/annals.2004.159.597.

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