Math. Ann. 256, 574 (1981)

Erratum

Uniform Approximation by Meromorphic Functions Having Prescribed Poles

Math. Ann. 243, 83-93 (1979)

I am indebted to Paul Gauthier for pointing out that the proof of Lemma 13 of the above-cited paper is incorrect as written. The following will correct the proof.

Suppose X is a compact Riemann surface, Y is an open subset of X which we may think of as a possibly disconnected Riemann surface, and Z is a relatively closed subset of Y. Denote by $\partial_X^{\infty} Z$ the compact set $\overline{Z} - Z = \overline{Z} - Y = \partial Z - Z$, where closures and boundaries are relative to X. Thus, the points of $\partial_X^{\infty} Z$ are at ∞ as far as the set Z and the surface Y are concerned. In the proof of Lemma 13 the symbol " ∂^{∞} " should be written in place of " ∂ " wherever the latter occurs.