INEQUALITIES FOR MEROMORPHIC
UNIVALENT FUNCTIONS WITH NONZERO POLE

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Abstract. In this article, we obtain the Grunsky inequality and its several consequences for mero-
morphic univalent functions defined on the unit disk with a nonzero pole $p \in (0,1)$. As byprod-
ucts, we obtain the Goluzin and the Lebedev inequalities for these functions. We also obtain the
Grunsky inequality for a subclass of aforesaid functions that have k-quasiconformal extensions
onto the extended complex plane.

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