

# Grunsky inequalities and beyond

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## **Abstract**

We mention how the Grunsky inequalities – a basic tool in the theory of conformal mappings – follow from an operator identity which we call the Grunsky identity. This operator identity has several cousins which are interesting in their own right. For instance, we mention an  $L^p$  Grunsky identity, which implies an  $L^p$  Grunsky inequality.