

$$(100^{100})^{100} = 10^x$$

$$x = ?$$

Lösung:

$$(100^{100})^{100} = 10^x$$

links Basis 10

$$((10^2)^{100})^{100} = 10^x$$

umformen

$$(10^{200})^{100} = 10^x$$

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$$10^{20000} = 10^x \quad \text{also } x = 20000$$