

calc_decimal_example

Student Group

First Name	Surname	Matrikel Nr.

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$\$1.\!\!\!\!\!\quad$ Calculation example for decimal value

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\begin{align*} & \text{\& value \& 2 \& 6 \& 5 \& 8 , \& 4 \& 7 } \end{align*}
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[illegible]

\$II.\quad\$ Betrachtung der Spannungsverstärkung

aus (0)	$\$ \backslash \text{color}\{ \text{blue} \} \{ A_V \} = \frac{\{ U_A \} \{ U_E \}}{\$}$	$\$ \backslash \text{quad}$
$\$ \backslash \text{quad} \backslash \text{quad} \backslash \text{quad} \backslash \text{quad} \backslash \text{quad} \backslash \text{quad} \backslash \text{quad}$	$\$ \backslash \text{quad} \backslash \text{quad} \backslash \text{quad} \backslash \text{quad} \backslash \text{quad} \backslash \text{quad} \backslash \text{quad} \backslash \text{quad} \backslash \text{quad} \backslash \text{quad}$	$\$ \backslash \text{quad} \backslash \text{quad} \backslash \text{quad} \backslash \text{quad} \backslash \text{quad} \backslash \text{quad} \backslash \text{quad} \backslash \text{quad} \backslash \text{quad} \backslash \text{quad} \backslash \text{quad}$
$\$ \backslash \text{quad}$	$\$ A_V = \frac{\{ U_A \} \{ \text{color}\{ \text{blue} \} \{ U_E \} \}}{\$}$	mit (4): $\$ U_E = U_2 + U_D$
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$\$ \backslash \text{quad}$	$\$ A_V = \frac{\{ U_A \} \{ \text{color}\{ \text{blue} \} \{ U_2 + U_D \} \}}{\$}$	$\$ \backslash \text{quad}$
$\$ \backslash \text{quad} \backslash \text{quad} \backslash \text{quad} \backslash \text{quad} \backslash \text{quad} \backslash \text{quad}$	$\$ \backslash \text{quad} \backslash \text{quad} \backslash \text{quad} \backslash \text{quad} \backslash \text{quad} \backslash \text{quad} \backslash \text{quad} \backslash \text{quad} \backslash \text{quad} \backslash \text{quad}$	$\$ \backslash \text{quad} \backslash \text{quad} \backslash \text{quad} \backslash \text{quad} \backslash \text{quad} \backslash \text{quad} \backslash \text{quad} \backslash \text{quad} \backslash \text{quad} \backslash \text{quad} \backslash \text{quad}$
$\$ \backslash \text{quad}$	$\$ A_V = \frac{\{ U_A \} \{ \text{color}\{ \text{blue} \} \{ U_2 \} + U_D \}}{\$}$	mit (10): $\$ U_2 = U \cdot \frac{\text{Alcdot}\{ \text{frac}\{ R \} \{ 2 \} \{ R \} \cdot 1 - R \}}{2}$

