

calc_logic_example

Student Group

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example for a simplification with the rule for boolean algebra

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\begin{align*} \begin{array}{l} /(\color{blue}{a \quad \, + \, \, (b \cdot /a)} + (b \cdot c) \, \, , ) & \\ \color{white}{\overline{ab}} \, \, \quad \quad \quad \quad \quad \quad & \\ \quad \quad \quad \quad \quad \quad \quad \quad \quad \quad & \\ \end{array} \end{align*}
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6. $\color{blue}{\text{Absorption Law}}$

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\begin{align*} \begin{array}{l} /(\color{blue}{a \quad \, + \quad \enspace b \quad \, \, , + (b \cdot c) \, \, , ) & \\ \color{white}{\overline{ab}} \, \, \quad \quad \quad \quad \quad \quad & \\ \quad \quad \quad \quad \quad \quad \quad \quad \quad & \\ \end{array} \end{align*}
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7. $\color{blue}{\text{Absorption Law}}$

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\begin{align*} \begin{array}{l} /(\color{blue}{a \quad \, + \quad \enspace \color{blue}{b \quad \, \, , + (b \cdot c)} & \\ \, \, , ) & \color{white}{\overline{ab}} \, \, \quad \quad \quad \quad \quad \quad & \\ \quad \quad \quad \quad \quad \quad \quad \quad \quad & \\ \end{array} \end{align*}
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