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$$\begin{aligned} & \overline{(A \oplus B)} \cdot \overline{(A+B)} = \\ \text{EXOR} \rightarrow & \overline{(A\bar{B} + \bar{A}B)} \cdot (\bar{A} \cdot \bar{B}) = \text{DE MORGAN} \\ & (\bar{A}\bar{B} + \bar{A}B) \cdot (\bar{A} \cdot \bar{B}) = (x+1)\cdot z = xz + yz \\ & = \bar{A}\bar{B} \cdot (\bar{A}\bar{B}) + \bar{A}B \cdot (\bar{A}\bar{B}) = \text{ASSOCIATIVA} \\ & = \bar{A}\bar{A}\bar{B}\bar{B} + \bar{A}\bar{A}B\bar{B} = \text{COMUTATIVA AND} \\ & = 0 \cdot \bar{B} + \bar{A} \cdot 0 = 0 + 0 = 0 \end{aligned}$$