

Postupak negacije polazne funkcije i minimizacije dobijenog izraza može teći recimo ovako:

$$\begin{aligned}
 & \overline{(A \vee \overline{C})C \vee \overline{BE} \vee (CD \vee \overline{AE})B \vee C} = \overline{(A \vee \overline{C})C \vee \overline{BE}} \overline{(CD \vee \overline{AE})B \vee C} = \\
 & = \overline{(A \vee \overline{C} \vee C \vee \overline{BE})} \overline{(CD \vee \overline{AE} \vee B \vee C)} = \overline{(\overline{A} \overline{\overline{C}} \vee C \vee \overline{BE})} \overline{(\overline{CD} \overline{\overline{AE}} \vee B \vee C)} = \\
 & = \overline{(\overline{A} C \vee C \vee \overline{BE})} \overline{((\overline{C} \vee \overline{D})(\overline{\overline{A}} \vee \overline{E}) \vee B \vee C)} = (C \vee \overline{BE}) \overline{((\overline{C} \vee \overline{D})(A \vee \overline{E}) \vee B \vee C)} = \\
 & = (C \vee \overline{BE}) (\overline{A} \overline{\overline{C}} \vee \overline{\overline{C} \overline{E}} \vee \overline{A} \overline{\overline{D}} \vee \overline{\overline{D} \overline{E}} \vee B \vee C) = (C \vee \overline{BE}) (\overline{A} \overline{\overline{C}} \vee (C \vee \overline{\overline{C} \overline{E}}) \vee \overline{A} \overline{\overline{D}} \vee \overline{\overline{D} \overline{E}} \vee B) = \\
 & = (C \vee \overline{BE}) (\overline{A} \overline{\overline{C}} \vee C \vee \overline{E} \vee \overline{A} \overline{\overline{D}} \vee \overline{\overline{D} \overline{E}} \vee B) = (C \vee \overline{BE}) ((C \vee \overline{A} \overline{\overline{C}}) \vee (\overline{E} \vee \overline{\overline{D} \overline{E}}) \vee \overline{A} \overline{\overline{D}} \vee B) = \\
 & = (C \vee \overline{BE}) (A \vee C \vee \overline{E} \vee \overline{A} \overline{\overline{D}} \vee B) = (C \vee \overline{BE}) ((A \vee \overline{A} \overline{\overline{D}}) \vee C \vee \overline{E} \vee B) = \\
 & = (C \vee \overline{BE}) (C \vee A \vee \overline{E} \vee B) = C \vee \overline{BE} (A \vee \overline{E} \vee B) = C \vee ABE \vee BE \overline{\overline{E}} \vee BBE = \\
 & = C \vee ABE \vee 0 \vee BE = C \vee (BE \vee ABE) = C \vee BE
 \end{aligned}$$

S druge strane, u Zadatku 6.21 pokazano je da se polazna funkcija može minimizacijom svesti na oblik $\overline{C}(B \vee \overline{E})$. Negiranjem ove minimizirane verzije dobijamo:

$$\overline{\overline{C}(B \vee \overline{E})} = \overline{\overline{C}} \vee \overline{\overline{B \vee \overline{E}}} = C \vee \overline{\overline{B} \overline{\overline{E}}} = C \vee BE$$

Vidimo da se dobija isti rezultat.