

$$\begin{aligned} X \oplus Y &= \overline{XY} \vee X\overline{Y} = \overline{\overline{\overline{XY} \vee X\overline{Y}}} = \overline{\overline{XY} \overline{X\overline{Y}}} = (\overline{X} \uparrow Y) \uparrow (X \uparrow \overline{Y}) = \\ &= ((X \uparrow X) \uparrow Y) \uparrow (X \uparrow (Y \uparrow Y)) \end{aligned}$$

$$\begin{aligned} X \oplus Y &= \overline{XY} \vee X\overline{Y} = (\overline{XY} \vee X)(\overline{XY} \vee \overline{Y}) = (X \vee Y)(\overline{X} \vee \overline{Y}) = \overline{\overline{\overline{(X \vee Y)(\overline{X} \vee \overline{Y})}}} = \\ &= \overline{\overline{X \vee Y} \vee \overline{\overline{X} \vee \overline{Y}}} = (X \downarrow Y) \downarrow (\overline{X} \downarrow \overline{Y}) = (X \downarrow Y) \downarrow ((X \downarrow X) \downarrow (Y \downarrow Y)) \end{aligned}$$

Razumije se da su moguće i druge varijante (pogledajte recimo Zadatak 7.23), ali kraće izraze od gore prikazanih varijanti nije moguće dobiti.