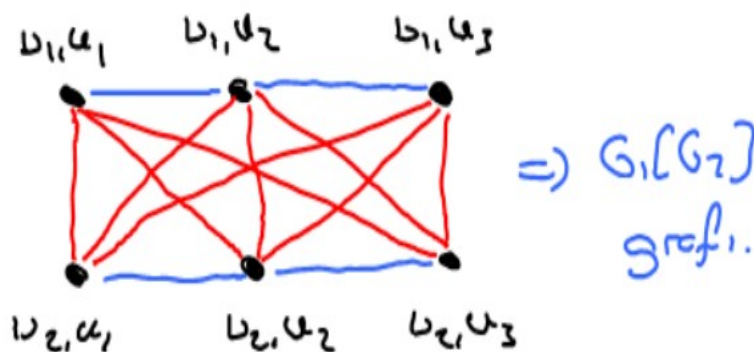
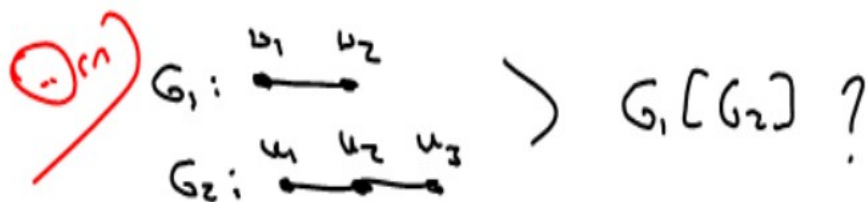


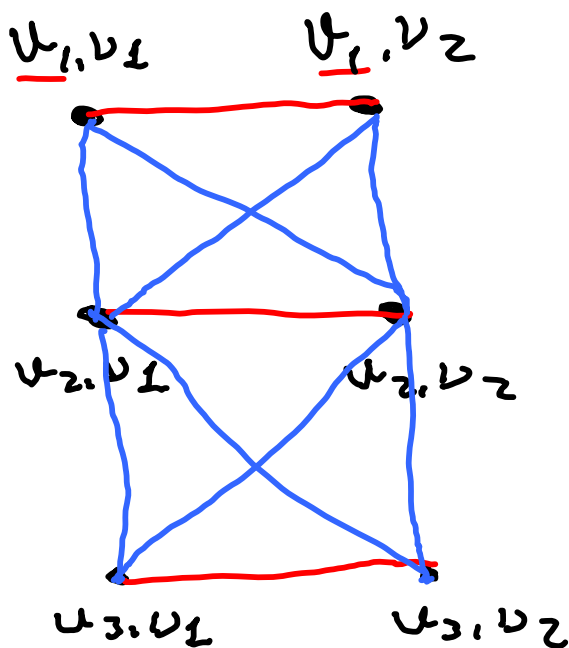
22.07.2023



Sol: $G_1[G_2] \cong G_2[G_1] ?$

$G_2[G_1] ?$

$$V(G_2[G_1]) = \{ (v_1, u_1), (v_2, u_1), (v_3, u_1), (v_1, u_2), (v_2, u_2), (v_3, u_2) \}$$



$$\Rightarrow G_2[G_1]$$

composition is \wedge

$$G_1[G_2] \neq G_2[G_1]$$

Kartesisches \times is \wedge

$$G_1 \times G_2 \neq G_2 \times G_1$$

Cartesian \circ is \wedge

$$G_1 \circ G_2 \neq G_2 \circ G_1$$