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15.10 IDM-5(P)
            BINARNA RELACIA - L'UB. PODOMOZINA USPORIADANTCH DUONÉ
            R={(1,2),(3,4)}
                                    (1,2) \in \mathbb{R}
           A= {1/2,3,4,5}
            B={x,0,1}
             R = \left\{ (1, *)_{1}(1, 0)_{1}(2, *)_{1}(3, 0)_{1}(4, 0) \right\} 
            D(R) = \{1,2,3,4\} \subseteq A
            H(R) = \{ *, \emptyset \} \subseteq B
            A=22,3...,9}
            B = {3,4 ..., 10}
            R = \left\{ (m, m) \in A_{\kappa}B; \quad m = n+1 \right\} = \left\{ (4,3)_{j} (5,4)_{j}, \dots, (9,8) \right\}
            A = {1,2,3,4}
            R = \{(1,1),(1,2),(1,4),(2,2),(2,4),(3,4)\} R \subseteq A^{2} A^{2} = A_{x}A
             TABULKA
              R 1 2 3 4
1 1 1 0 1
2 0 1 0 1
3 0 0 0 1
4 0 0 0 0
            DOPLNKOVÁ RELACIA D
            R = A \times A
R = (A \times A) \setminus A
                                                                                   SPOSOB
           R={(1,1),(2,2),(2,3),(3,1),(3,4)(4,1),(4,2)}
           R = {(1,2),(1,3),(1,4),(2,1),(2,4).....}
            DIAGONÁLNA,
IDENTICKÁ RELACIA AA
             A={1,2,3}
            INVERZNA RELACIA R-1
            R = \{(1,1), (2,2), (2,3), (3,1), (3,4), (4,1), (4,2)\}
            R^{\frac{1}{2}} = \{ (1,1), (2,2), (3,2), (1,3), (4,3), (1,4), (2,4) \}
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(R-1) = R

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SKLADANIE RELACIÍ
ROS = {[a,c]; ]6[a,b] & S / [b,c] & R } -zlozená relócia z Ras
(R_0S)^{-1}=S^{-1}OR^{-1}
RoS={(*,*),(*,0),(0,0)
S 6 R = { (1, 1), (1, 2), (1, 3), (2, 2), (3, 1), (3, 2), (3, 3)}
2. SP650B:
POS S NA + 1
4 \to \sqrt{4} \to \sqrt{4+1} = 3 \to (4,3)
 9 \longrightarrow \sqrt{9} \rightarrow \sqrt{9} + 1 = 4 \rightarrow (9, 4)
r \xrightarrow{S \circ R} r+1 \xrightarrow{S} \sqrt{r+1}
 3 \rightarrow 3+1 \rightarrow \sqrt{3+1} = 2 \rightarrow (3/2)
8 \rightarrow 8 + 1 \rightarrow \sqrt{8+1} = 3 \rightarrow (8,3)
PÔKAZ

(ROS) - 5 O R - 1 (F) (ROS) = 5 O R - 1 N SOR - 1 E (ROS) 1
\Rightarrow \exists z: (x,z) \in \mathbb{R}^{-1}, (z,y) \in \mathbb{S}^{-1} = (x,y) \in \mathbb{S}^{-1}
2 1. OPAZNE
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