

3 car general: f: A-18 = Jmx A = B fiexel = Jm(a) = f(x) & M I fear, fear] = & formen | fear & fer & feer] fie [a, b] = {xel | a < x < b} 3m(a) 2 f(a) e M

3m(b) 2 f(b) e M

x \{a, b\} \partial \text{p \left(m)} \} = \(\left(\frac{1}{2}\), \frac{1}{2}\)

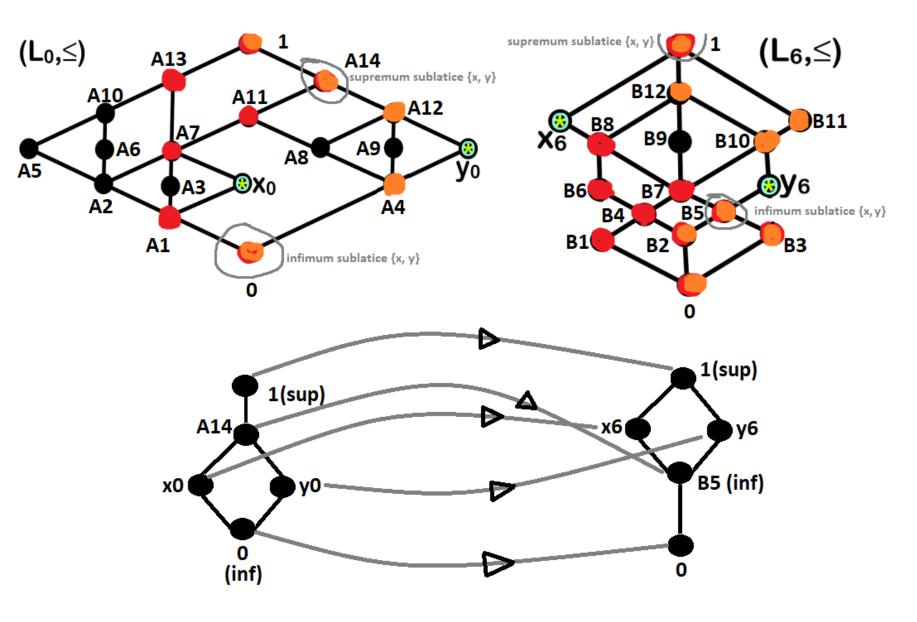
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\text{d} \text{d} \text{d} \text{d} \text{d} \text{d} \text{d} \text{d} \text f: L-DM injectiva (pt 4x y El, x +y f for) + f(y)) a, tel mast tx, y e [a, 6] L = D x complement lui y in [a, 6] - fox) este complement al lui f(y) in [f(a), f(b)] M pt. (t) for, fly of fix) fly In & for complement his fly im for files In = (x) 1 (g = f(a) DX 19za Jerzu X V9zb Jerzu f(x) v f(y) = f(b) (4) 1 (y) = { (4 ng) \$(4 1 f(3) = f(4,1) TX complementara lui y im [a,b]

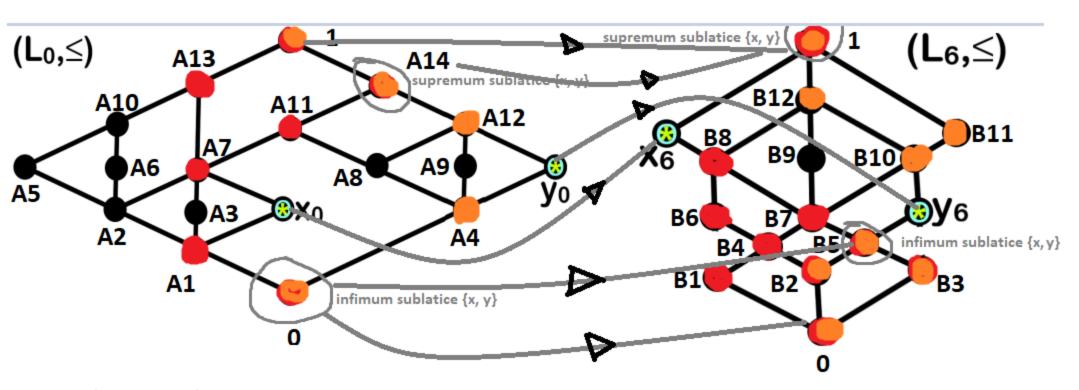
(9. Ker(f) = 9(x,y) & A2 | fun = f(y) 5 Ex. 1: (1) SCA, ~ Eg (A), L7. relatie de ordine pe A ON. Le Eg(A) ddoca: - LONGEQ(A) - NU = E EZ(A) Wara ON O Ege A) \$ 160 este: - reflexiva: DA CN OFF DA CN -1 CN DA CN UP ar reflex. (DA = DA) - Simetrica: ~ 2 0 -1 40 ~ -1 2(~ -1) -1 90 ~ -1 - franzisiva: NOO C NAT (NOO) CN (-) ap ~ 1 0 ~ 1 < ~ 1 ap ~ 1 ((non) - 1 ~ - 1) n 5 rel de ordine 1. e , 5 este: - reflexiva QA CL
- transitiva L2 CL
- antisimetrica Ln L CDA Vaibic et a : a ca - reflexive a El m le sa antimmetrica act con acc-franzitiva

Ex. 3.1:



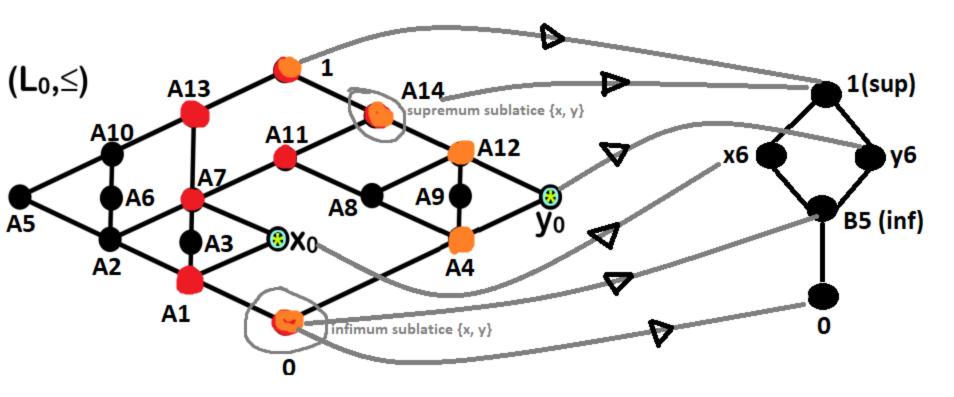
Nu exista izomorfism intre sublatici ale laticilor LO si L6.

Ex. 3.2:



Nu exista morfisme.

Ex. 3.3:



Nu exista functia.