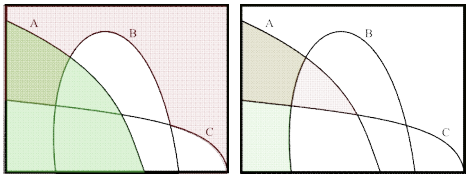
Výsledky:

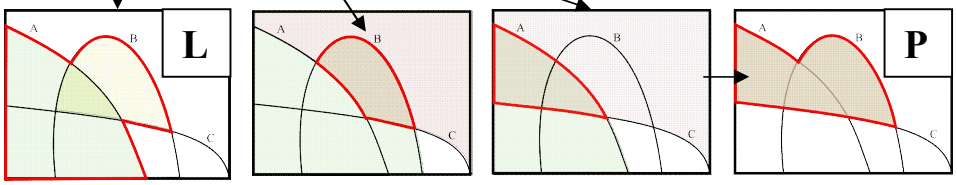
1a) **L = P**

a) $A \cap (B \cup C)' = (A \cap B') \cup (A \cap C')$



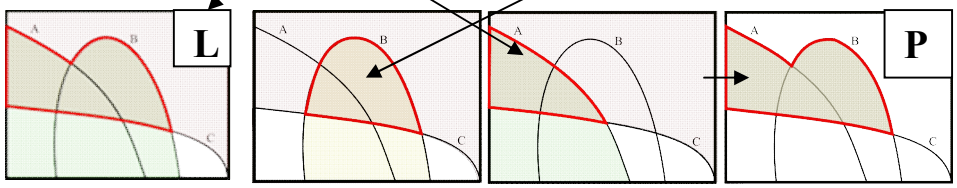
1b) **L ≠ P**

$A \cup (B \cap C') \neq \left[(A \cup B) \cap (A \cup C)' \right] \cup (A \cap C')$



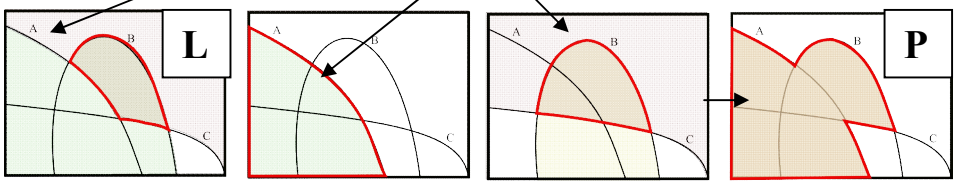
1c) **L = P**

$(A \cup B) \cap C' = (A \cap C') \cup (B \cap C')$



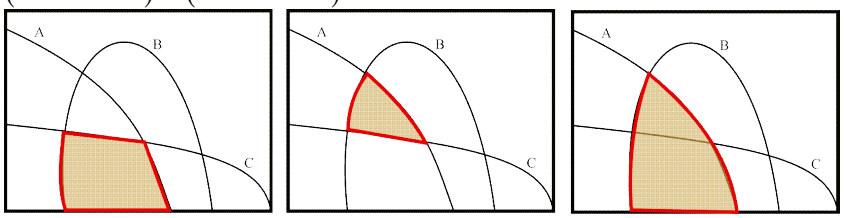
1d) **L ≠ P**

$(A \cup B) \cap (A \cup C)' = A \cup (B \cap C')$



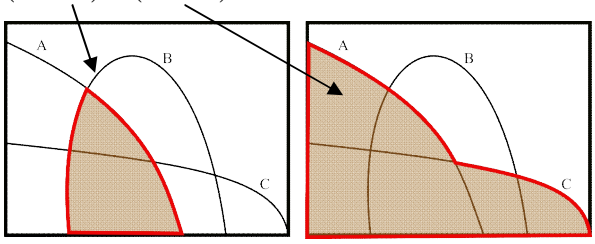
2a) **L = P**

$(A \cap B \cap C) \cup (A \cap B \cap C') = A \cap B$

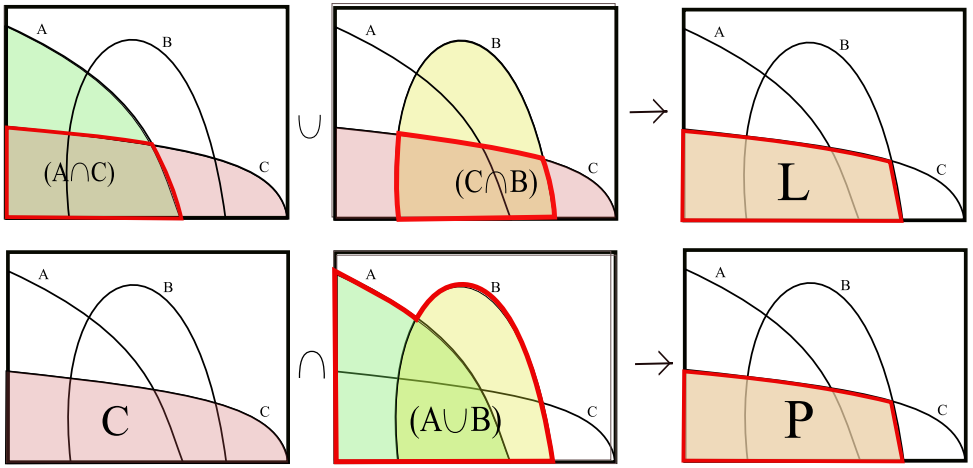


2b) **L = P**

$(A \cap B) \cup (C \cup A) = C \cup A$

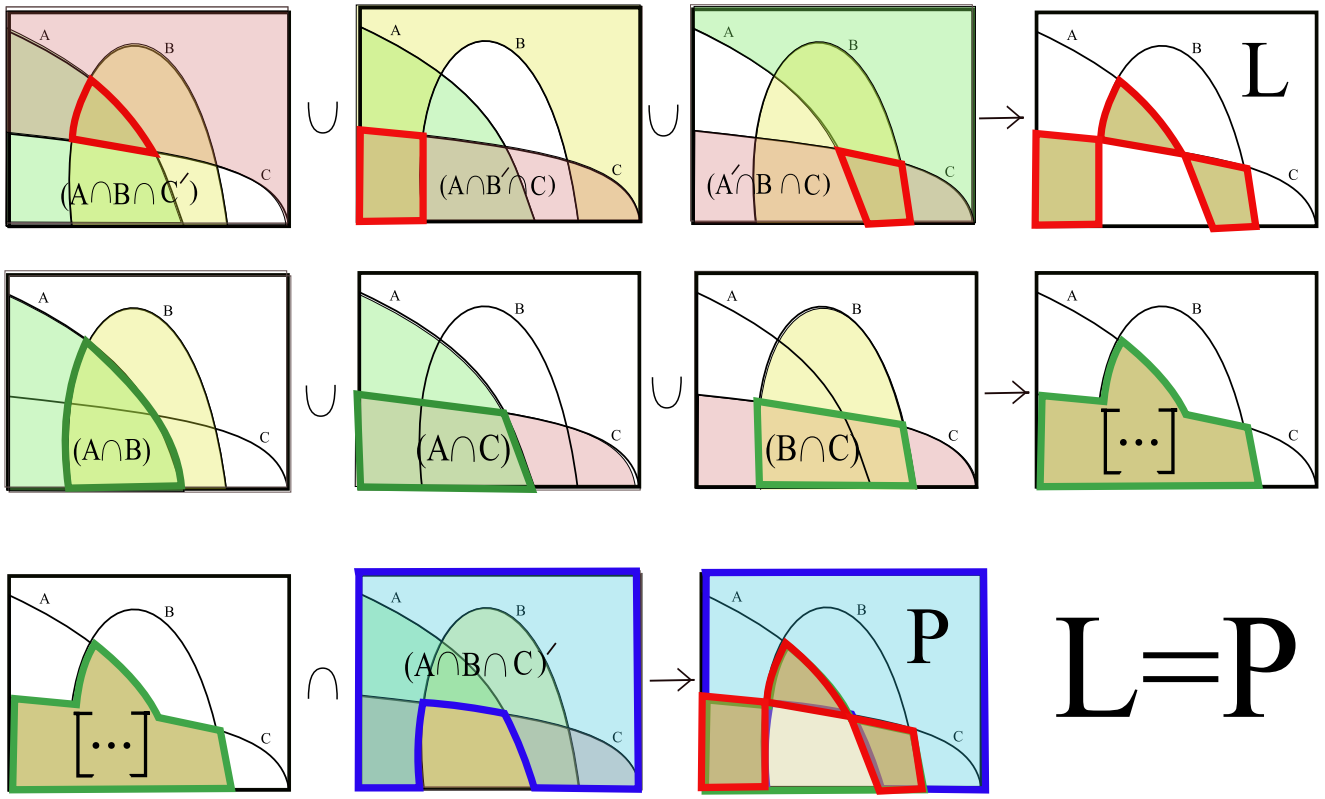


2c) $(A \cap C) \cup (C \cap B) = C \cap (A \cup B)$



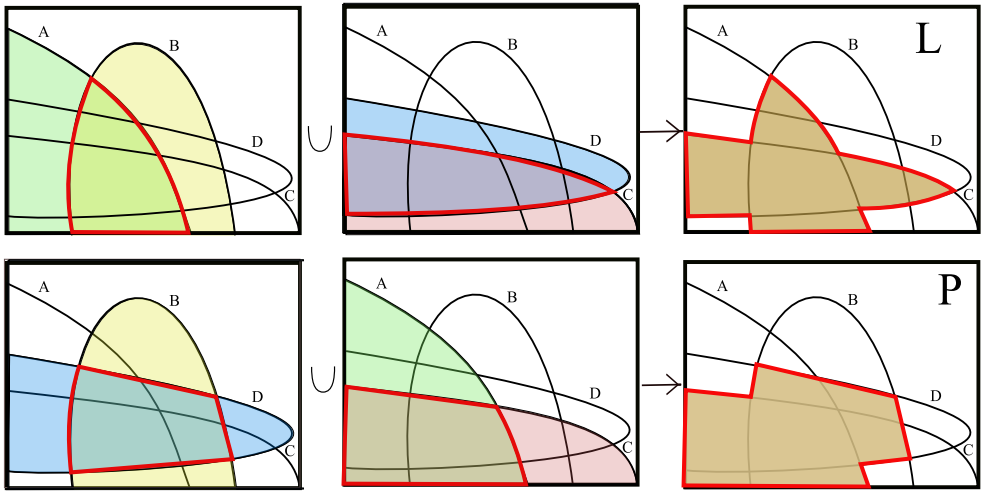
2d) $L = (A \cap B \cap C') \cup (A \cap B' \cap C) \cup (A' \cap B \cap C)$

$P = [(A \cap B) \cup (A \cap C) \cup (B \cap C)] \cap (A \cap B \cap C)'$

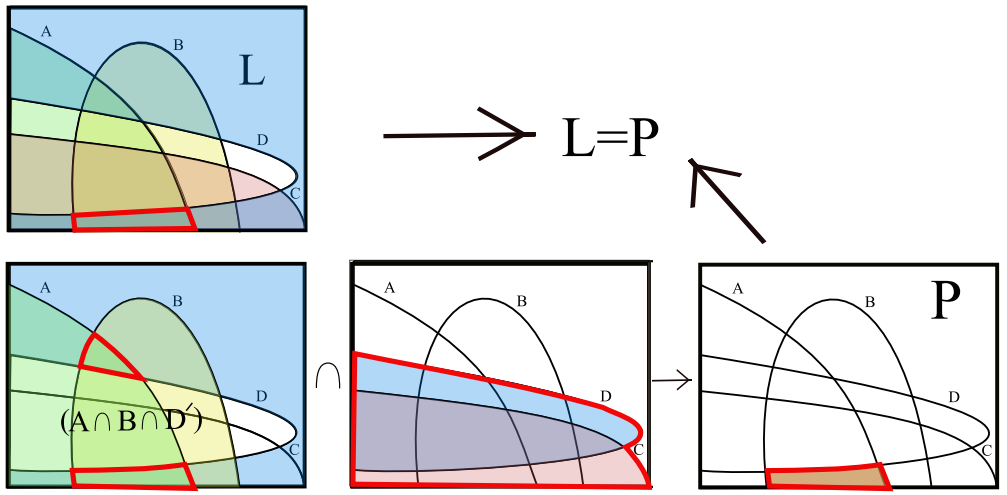


$L = P$

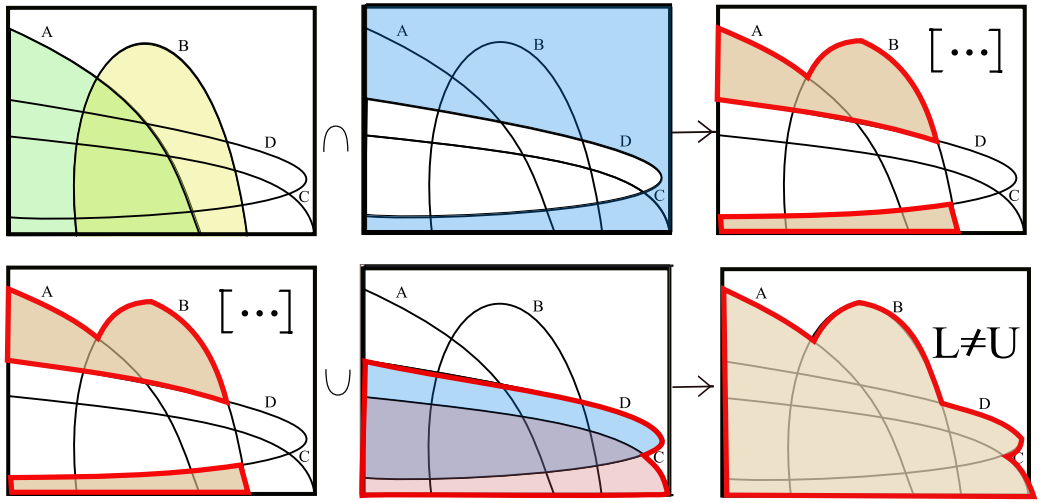
3a) $(A \cap B) \cup (C \cap D) \neq (B \cap D) \cup (A \cap C)$



3c) $A \cap B \cap C \cap D' = (A \cap B \cap D') \cap (C \cup D)$



3b) $[(A \cup B) \cap D'] \cup (C \cup D) = U$



3d) $(A \cap B \cap D') \cup (C \cap D \cap A') = C \cap B \cap A'$