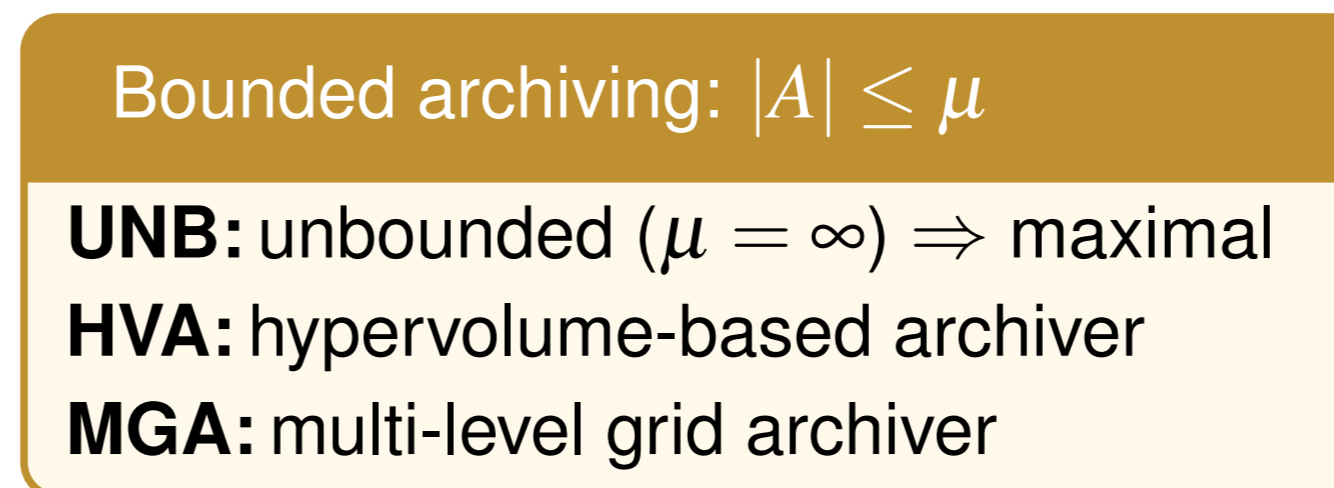
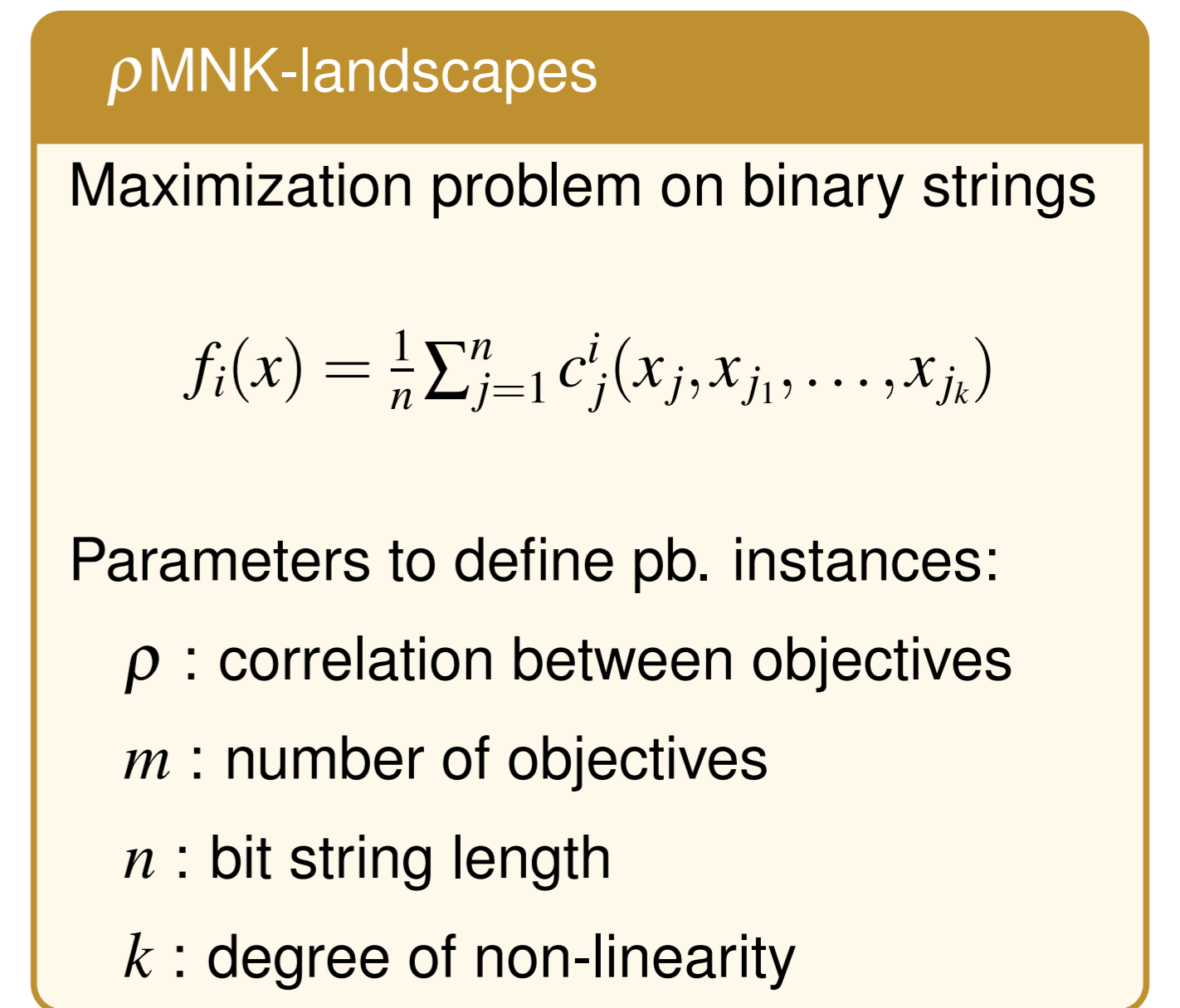
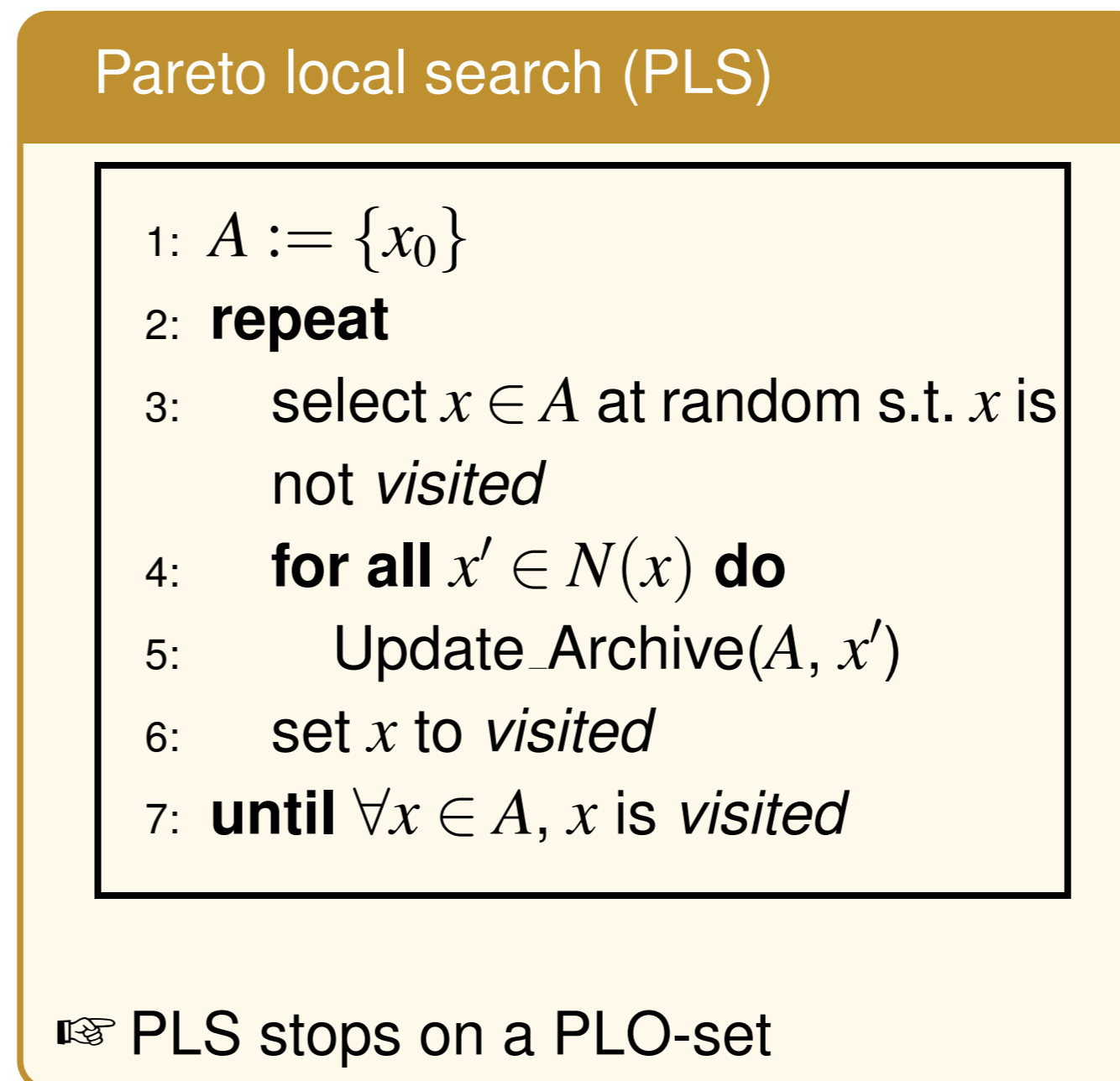
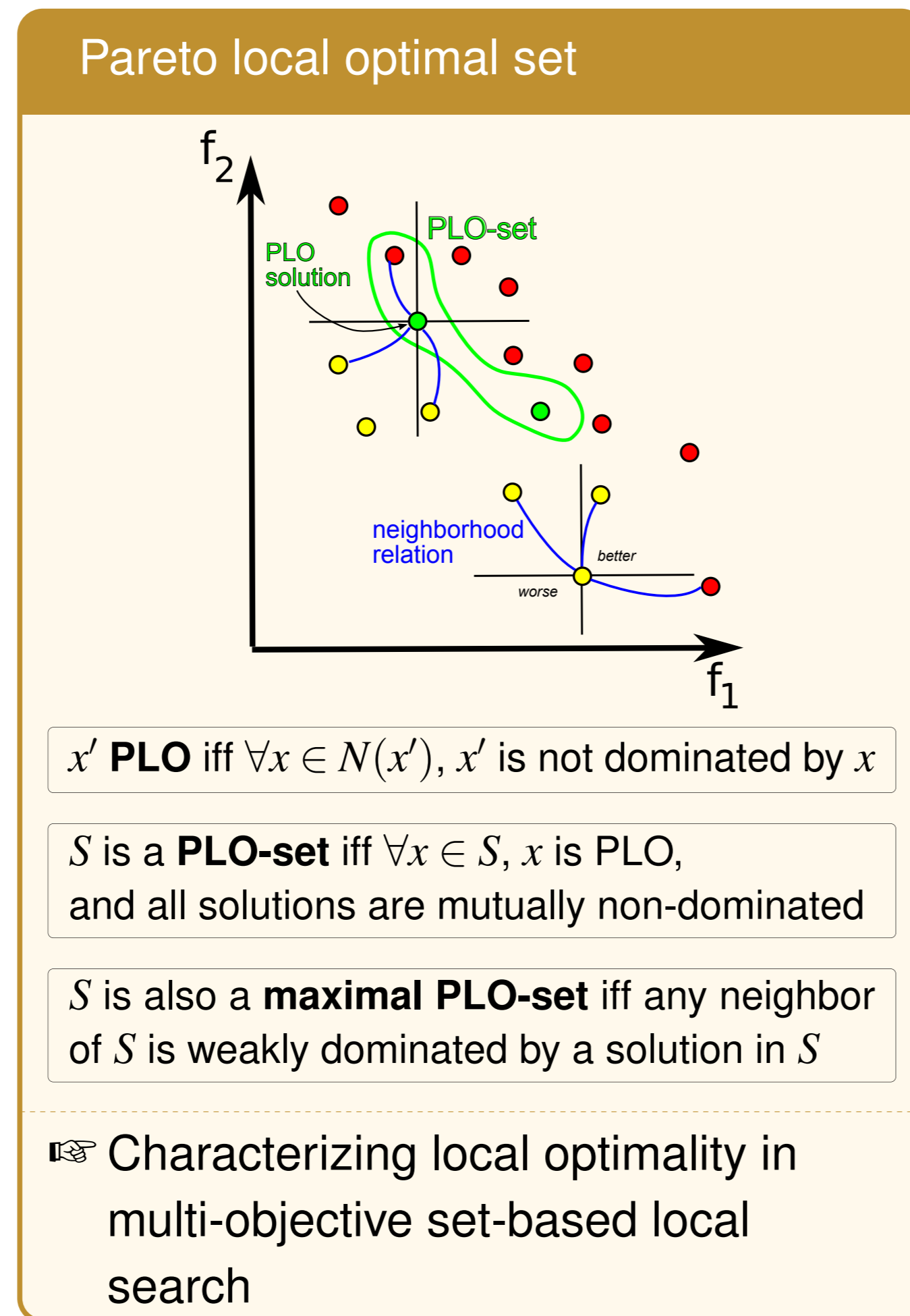
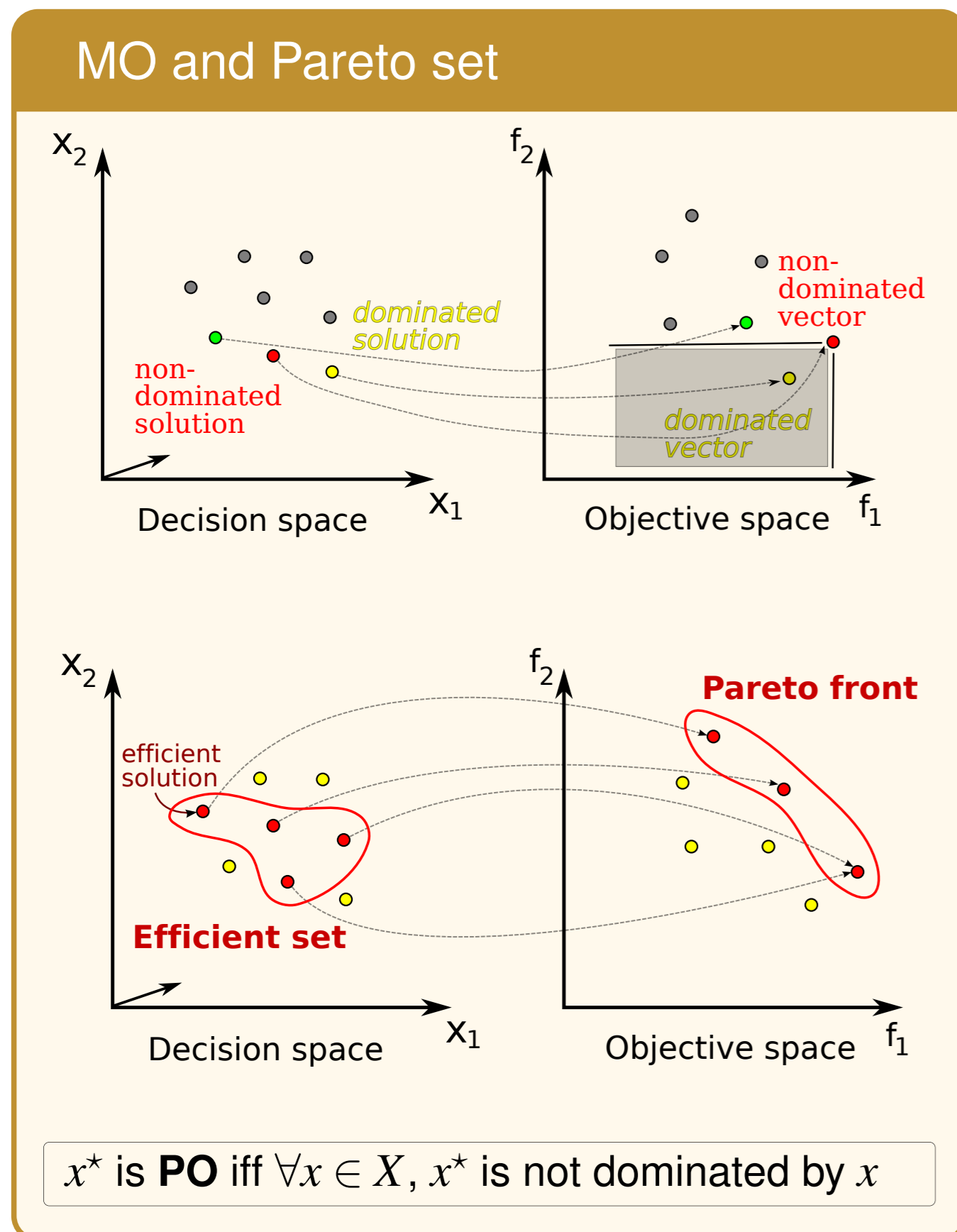
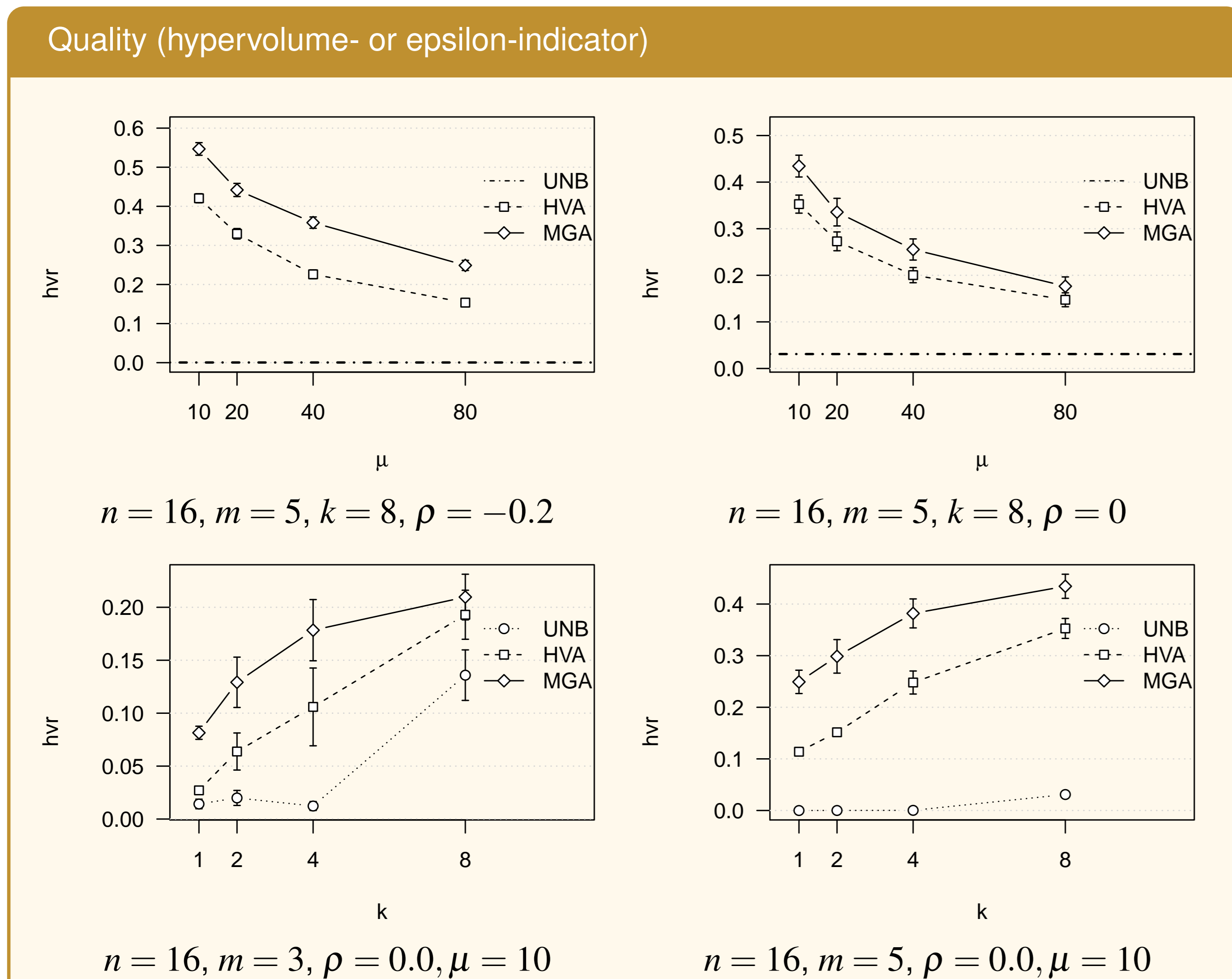
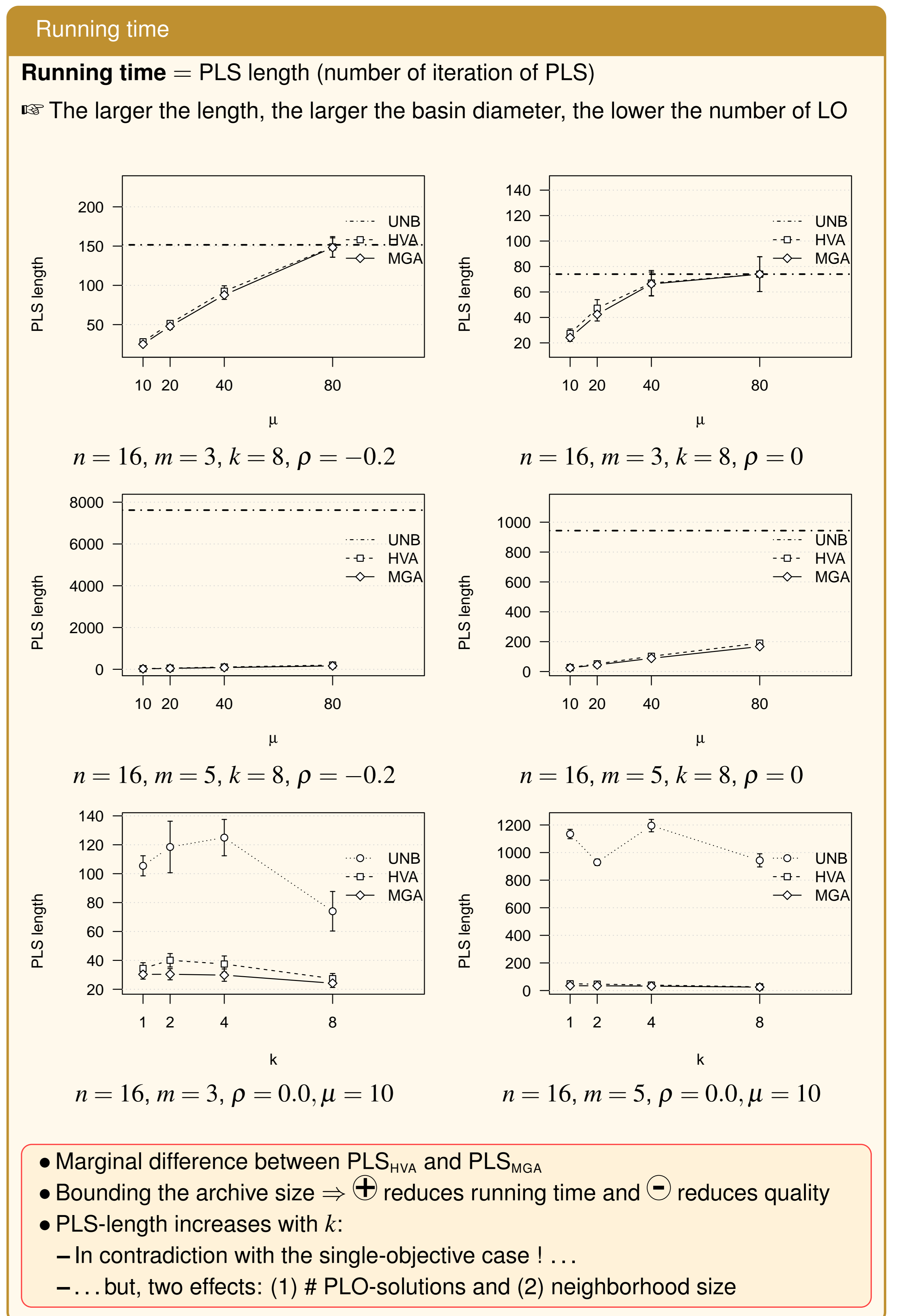
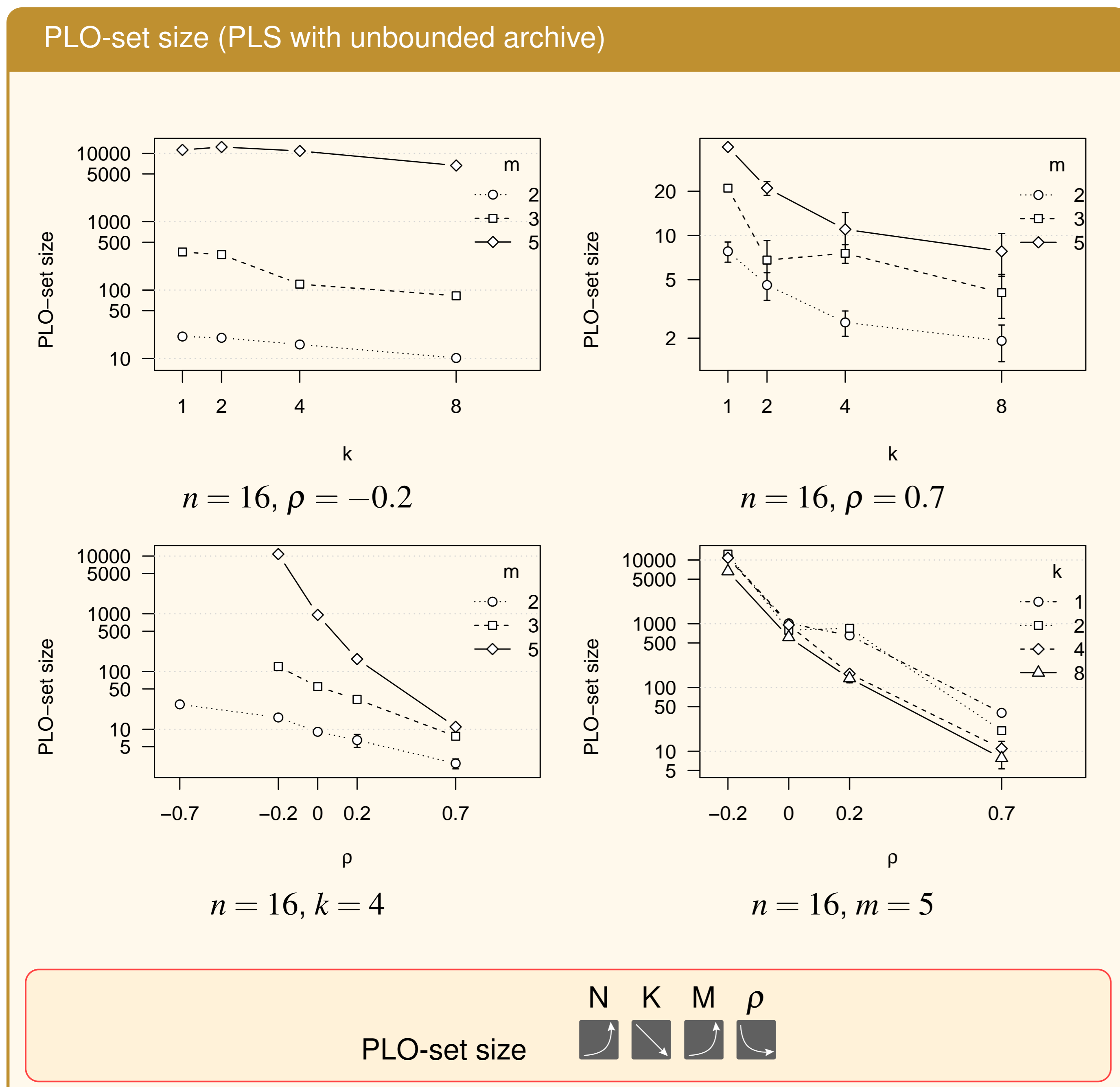


Local Optimal Sets and Bounded Archiving on Multi-objective NK-Landscapes with Correlated Objectives

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How problem characteristics affect PLO-sets?



- Nearly logarithmic improvement in quality w.r.t. μ
- Quality decreases with k
- Marginal difference between PLS_{HVA} and PLS_{MGA}

Conclusions

- Cardinality: main factors are m and ρ
- Most maximal PLO-sets have roughly the same size
- Shorter PLS-length \Rightarrow lower quality
- Are PLO-sets obtained by PLS_{HVA} and PLS_{MGA} similar?
- Relationship between PLO-solutions and number and size of PLO-sets?