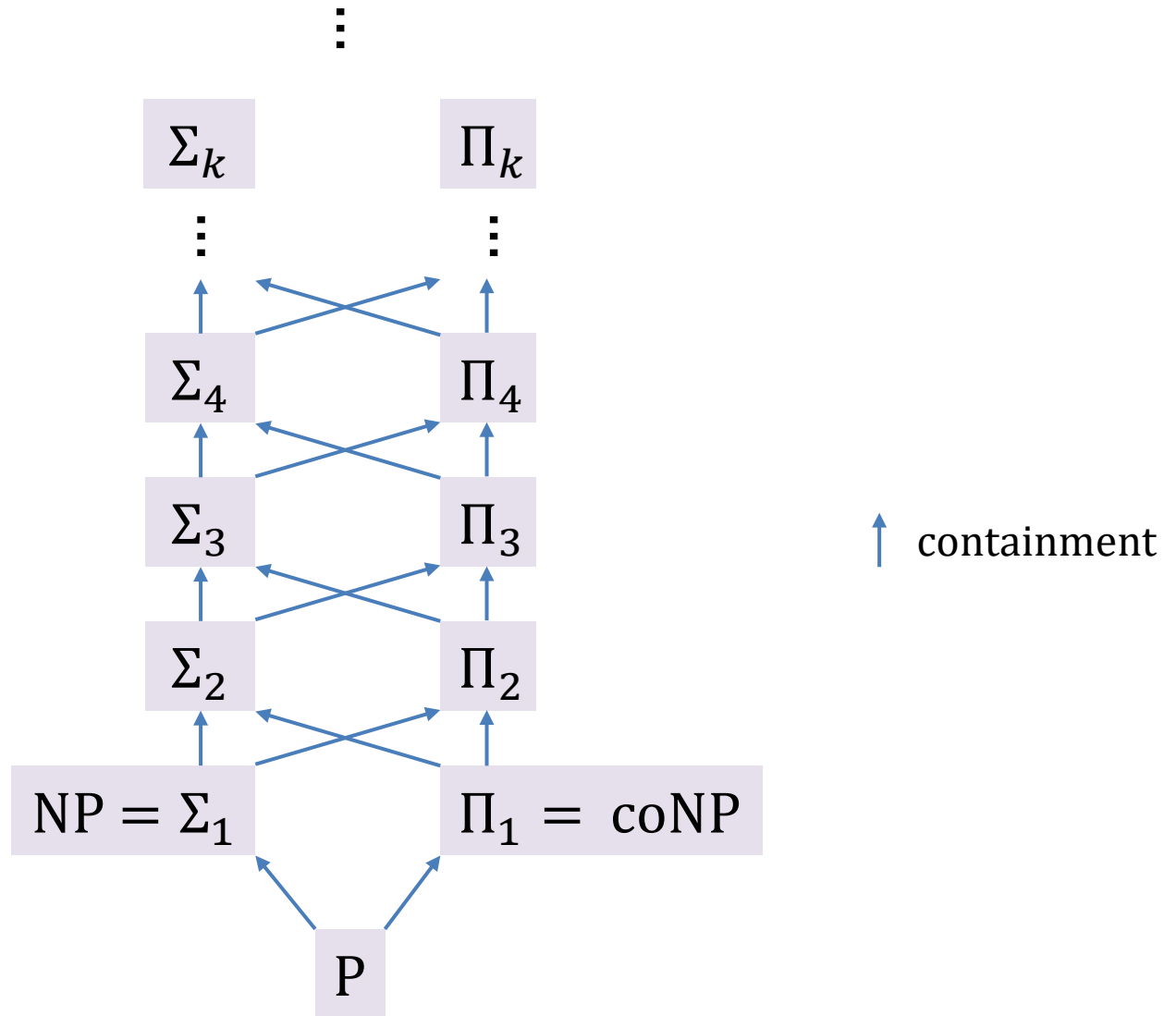



# PSPACE

## Polynomial Hierarchy





<http://ovid.cs.depaul.edu/documents/phcom.pdf>

# Completeness in the Polynomial-Time Hierarchy

## A Compendium\*

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### **Abstract**

We present a Garey/Johnson-style list of problems known to be complete for the second and higher levels of the polynomial-time Hierarchy (polynomial hierarchy, or **PH** for short). We also include the best-known hardness of approximation results. The list will be updated as necessary.