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counting complexity class

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If \mathcal{NC} is a complexity class associated with non-deterministic machines then $\#\mathcal{C} = \{\#R \mid R \in \mathcal{NC}\}$ is the set of counting problems associated with each search problem in \mathcal{NC} . In particular, $\#\mathcal{P}$ is the class of counting problems associated with \mathcal{NP} search problems.