

# P, NP, NP-hard, and NP-complete

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# P, NP, NP-hard, and NP-complete

- 1 Complexity Class
- 2 Tetris is NP-complete

P

TC 34.1–5

# NP

TC 34.2–4

# co-NP

## EXP

# Time Hierarchy Theorem





# NPI

# PH

# PSPACE

# NP-hard

# NP-complete

# X-hard and X-complete

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