# Classification of NP-critical posets

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We describe the finite posets with non-negative Tits form, all proper subposets of which have yet negative Tits form (abbreviated: NP-critical posets). In particular we prove the next statement.

Theorem. *Any NP-critical poset is (min,max)-isomorphic to a self-dual one, and every self-dual NP-critical poset is isomorphic to one from the following list:*
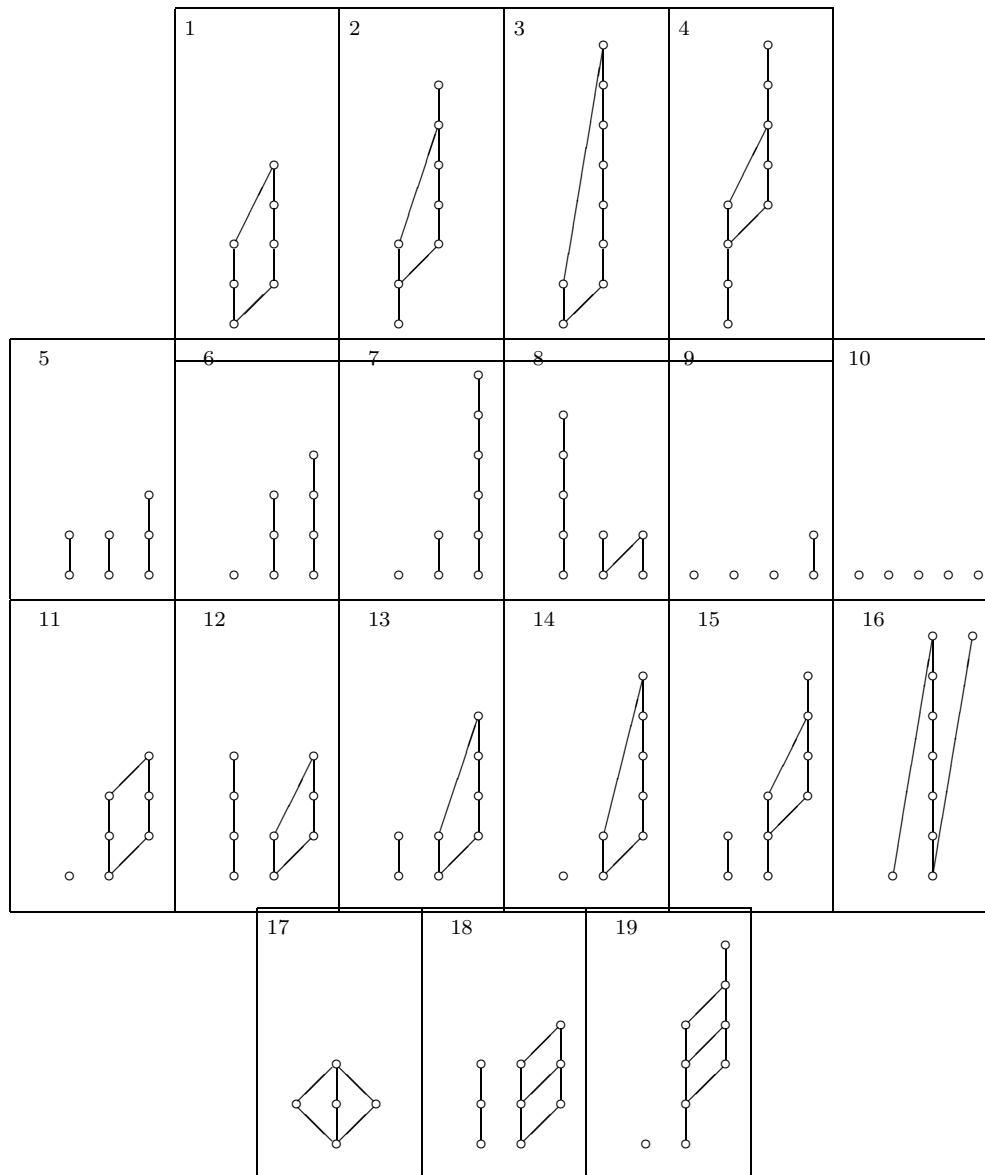
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