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Ramsey Theory from the Point of View of its Applications

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Large part of Ramsey theory and in particular all structural Ramsey theory is about finding complete lists of unavoidable structures in a given class of structures. This point of view is quite useful when it comes to applications of this area of mathematics. This will be an overview of (mostly recent) applications of Ramsey theory as an attempt to demonstrate this.

We will also try to explain how applications have led us to discover new Ramsey-theoretic phenomena.