

TOPOLOGICAL CONSTRUCTIONS INVOLVING INVERSE LIMITS

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dedicated to 80th birthday of Lev Bukovsky

Inverse limits appears in several branches of topology including theory of continua, general topology and set-theoretic topology. It also appears in the theory of Boolean algebras in the form of chains of subalgebras. I will first survey the most influential topological constructions using inverse limits. Then I will sketch new constructions using these methods.

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