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Notes on cfp-covers

Abstract: The main purpose of this paper is to establish general conditions under which T_2-spaces are compact-covering images of metric spaces by using the concept of cfp-covers. We generalize a series of results on compact-covering open images and sequence-covering quotient images of metric spaces, and correct some mapping characterizations of g-metrizable spaces by compact-covering σ-maps and $mssc$-maps.