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**Triples of infinite iterates of convex subfunctors on functor of the positively homogeneous functionals**

Абстракт  
The present paper is devoted to study of the space of all weakly  
additive, order-preserving, normalized and positively-homogeneous  
functionals on a metric compactum. We construct an analogue of the  
modified Kantorovich--Rubinstein metric on the space \(OH(X)\) of  
all weakly additive, order-preserving, normalized and  
positively-homogeneous functionals on a metric compactum \(X.\) We  
investigate under what conditions subfunctors of the functor  
\(OH\) will be perfectly metrizable.  
We  
prove that under natural assumptions on \(X\) the triple  
\((\mathcal{F}^\omega\_+(X), \mathcal{F}^{++}\_+(X),  
\mathcal{F}^+\_+(X))\) is homeomorphic to the triple \((Q,s,  
\textrm{rint}\, Q),\) where \(\mathcal{F}\) is a convex subfunctor  
of the functor \(OH\_+.\)

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