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On positive operator-valued continuous maps

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Abstract: In the paper the geometric properties of the positive cone and positive part of the unit ball of the space of operator-valued continuous space are discussed. In particular we show that
$ext - rayC_+(K, \mathcal{L}(H)) = \{\mathbb{R}_+ \mathbf{1}_{\{k_0\}} \mathbf{x} \otimes \mathbf{x} : \mathbf{x} \in \mathbf{S}(H), k_0 isanisolatedpointofK\}$
¡BR¿$ext\mathbf{B}_+(C(K, \mathcal{L}(H))) = s - ext\mathbf{B}_+(C(K, \mathcal{L}(H)))$ ¡BR¿ $= \{f \in C(K, \mathcal{L}(H) : f(K) \subset ext\mathbf{B}_+(\mathcal{L}(H))\}$.
Moreover we describe exposed, strongly exposed and denting points.

Keywords: exposed point, denting point, Hilbert space, positive operator ¡BR¿
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