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Domination by positive Banach–Saks operators

Given a positive Banach–Saks operator T between two Banach lattices E and F , we give sufficient conditions on E and F in order to ensure that every positive operator dominated by T is Banach–Saks. A counterexample is also given when these conditions are dropped. Moreover, we deduce a characterization of the Banach–Saks property in Banach lattices in terms of disjointness.