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*Products of (weak) log convex operators are log convex*

A family  $\{A(t) ; t \in I\}$  of positive operators on a Banach lattice  $E$  is called (weak) log convex if the function  $x \mapsto \langle A(t)x, x^* \rangle$  is log convex for all  $0 \leq x \in E$  and all  $0 \leq x^* \in E^*$ . The main result is that the operator product of two such families is again (weak)log convex. Applications to Kingman's Theorem about log convexity of the spectral radius of such families follow.