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In 2006, Arveson resolved a long-standing problem by showing that for any element  $x$  of a separable self-adjoint unital subspace  $S \subseteq B(H)$ ,  $\|x\| = \sup \|\pi(x)\|$ , where  $\pi$  runs over the boundary representations for  $S$ . Here we show that “sup” can be replaced by “max”. This implies that the Choquet boundary for a separable operator system is a boundary in the classical sense; a similar result is obtained in terms of pure matrix states when  $S$  is not assumed to be separable. (Received September 22, 2011)