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*Extensions of linear operators from hyperplanes of  $l_\infty^{(n)}$*

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**Abstract:** Let  $Y \subset l_\infty^{(n)}$  be a hyperplane and let  $A \in \mathcal{L}(Y)$  be given. Denote

$$\begin{aligned}\mathcal{A} &= \{L \in \mathcal{L}(l_\infty^{(n)}, Y) : L \mid Y = A\} \text{ and} \\ \lambda_A &= \inf\{\|L\| : L \in \mathcal{A}\}.\end{aligned}$$

In this paper the problem of calculating of the constant  $\lambda_A$  is studied. We present a complete characterization of those  $A \in \mathcal{L}(Y)$  for which  $\lambda_A = \|A\|$ . Next we consider the case  $\lambda_A > \|A\|$ . Finally some computer examples will be presented.

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