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Mehmet Orhon* (mo@unh.edu), Kingsbury Hall, Durham, NH 03824. *Examples of obstructions to Banach lattice structures.*

This talk will present two related examples to illustrate the obstructions to constructing Banach lattice structures on Banach spaces. In both examples X is a Banach $C(K)$ -module whose dual is $C(K)'$. In both cases X cannot be provided with a Banach lattice structure such that X' , with the dual Banach lattice structure, is order isomorphic to $C(K)'$. (Received February 21, 2006)