Is c_0 complemented in ℓ^∞?

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This talk investigates some interesting properties of ℓ^∞ via the concept of norming sets. Namely, we will investigate the properties of c_0 as a subspace of it. Can we find a projection from ℓ^∞ onto c_0? We will answer this question. Time permitting, we will also prove a sort of Hahn-Banach-ish result for mappings from a normed space X into ℓ^∞.