1163-46-1487   **Tepper L. Gill** and **Douglas Mupasiri*** (`mupasiri@uni.edu`), 220 Wright Hall, Department of Mathematics, University of Northern Iowa, Cedar Falls, IA 50614-0506. *An application of Kuelb's Hilbert Representation of a separable Banach space to the problem of determining whether a given subspace is complemented in the space.*

It is well known that c_0 is not complemented in ℓ_∞. One way to prove this result is to use Kuelb's Hilbert Representation of ℓ_∞. The approach suggests a method that seems to be widely applicable to the determination of whether a given subspace of a separable Banach space is complemented in the space. In this talk, we will describe the method. (Received September 15, 2020)