1067-46-1285   **Lon H Mitchell*** (`lmitchell2@vcu.edu`). *Operators on the $\mathcal{L}_\infty$ spaces of Bourgain and Delbaen.*

In 1980, J. Bourgain and F. Delbaen constructed two classes of $\mathcal{L}_\infty$ spaces each exhibiting many surprising properties. For a Banach space in either of these classes we define a bounded shift-type operator which is an isometry when restricted to a certain hyperplane. (Received September 20, 2010)