1015-46-104   **Patrick N. Dowling***, Department of Mathematics and Statistics, Miami University, Oxford, OH 45056. *The near differentiability property in Banach spaces.*

We introduce and investigate a property of Banach spaces, the near differentiability property, that is implied by the Radon-Nikodym property and implies the near Radon-Nikodym property of Kaufman, Petrakis, Riddle and Uhl. We also explore its connections with other types of Radon-Nikodym properties. This is joint work with Mangatiana Robdera. (Received January 30, 2006)