

1112-47-256

Kazimierz A. Goebel* (goebel@hektor.umcs.lublin.pl), Institute of Mathematics, UMCS,
20-031 Lublin, Poland. *An example connected to convex functions theory.*

This short presentation, dedicated to Terry Rockafellar, contains an example of a convex function on nonreflexive Banach space with some special properties. Examples of continuous mappings having exotic behavior are constructed with the use of this function. (Received August 06, 2015)