

# A nonlinear Enflo example

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In this talk we will follow the path traced by Per Enflo and give an explicit definition of a separable Banach space  $X$  without  $L$ -Lipschitz retractions onto any compact convex and generating subset of  $X$ , for some  $L > 1$ . This constitutes a first step towards the construction of a counterexample to Godefroy–Ozawa question, namely, a separable Banach space without Lipschitz retractions onto any compact convex and generating subset.