

ON STEADY

The Bright Side of Mathematics



Functional analysis - part 21Bounded inverse theorem:X, Y Banach spaces, T $\in \mathcal{B}(X, Y)$.Then:T bijective \Rightarrow $T^{-1} \in \mathcal{B}(Y, X)$ (It's continuous)Proof:T bijective \Rightarrow T open map \Rightarrow T^{-1} continuous

