$\begin{array}{c} \text{Math 527 - Homotopy Theory} \\ \text{Spring 2013} \\ \text{Homework 13, Lecture 4/19} \end{array}$

Problem 5. Show that every complex vector bundle over the circle S^1 is trivial. Conclude that its reduced K-theory is trivial: $\widetilde{K}(S^1) = 0$.