Franciszek Hugon Szafraniec

Institute of Mathematics of the Jagiellonian University, Poland

umszafra@cyf-kr.edu.pl

"Subnormality and cyclicity" in the negative

The question whether subnormality of every cyclic portion of an operator forces that of the operator itself was settled in the affirmative long ago for the bounded case; in the unbounded case it has been uncertain, with some argument in favor of, until now. The recent paper
Z. J. Jabłoński, I. B. Jung and J. Stochel, A non-hyponormal operator generating Stieltjes moment sequences, J. Funct. Anal. **262** *(2012) 3946-3980*
generates a counterexample.