P. Vitse, **Few more remarks on the operator valued corona problem**, *Acta Sci. Math. (Szeged)*, 69 (2003), 831–852.

Abstract
As is known, the corona theorem is in general not true for a H^∞ function F (that is, bounded and holomorphic on the unit disc $\boldsymbol{D}$) taking values in the space $L(H)$ of bounded operators on an infinite dimensional separable Hilbert space H. Combined with a relatively compact range $F(\boldsymbol{D})$, the Grothendieck approximation property (AP), either in H^∞ or in $L(H)$, provides functions satisfying the corona theorem, see [ViCor]. Here we prove by counterexamples that these two methods are independent. We also give some new examples of subspaces of $L(H)$ and quotient spaces H^∞/BH^∞ satisfying (AP). To finish, we give a version of the corona theorem for functions in the operator Nevanlinna class having a relatively compact range.