

KFUPM
Department of Mathematics and Statistics

MATH 553 – Term 101

Research-Oriented Project

Finitistic Weak Dimension of Commutative Arithmetical Rings
By François Couchot, *AJSE – Mathematics (to appear)*

Assignments

1. Study the above paper and re-write the proofs in your own words and style and give more details when appropriate. You may refer to results from the below books without proof.
2. You'll give two 50-minute talks at CARL Seminar.

References

1. M. S. Osborne, *Basic Homological Algebra*, GTM, Springer, New York, 2000.
2. J. J. Rotman, *An Introduction to Homological Algebra*, Academic Press, Boston, 1979.