# REGULAR THEORY IN COMPLEX BRAID GROUPS

OWEN GARNIER

*LAMFA, Université de Picardie Jules Verne, CNRS UMR 7352*
*Email :* o.garnier@u-picardie.fr

Abstract. The existence of a link between regular elements in a complex reflection group and roots of the "full twist" element of its pure braid groups has been conjectured for a long time. A major step in proving these conjectures was achieved by Bessis in his seminal paper [Bes15]. Using Garside theory, he proves the conjectures for well-generated irreducible reflection group.
In this talk, we present various techniques which allow us to generalize the conclusions of Bessis to all irreducible complex reflection group.

## References

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