

# SUMMER GRADUATE SEMINAR

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Simplicial enrichment of chain complexes

*MSc Student supervised by Prof Martin Frankland*

August 3, 2021

1:00 pm

**Abstract:** Simplicial enrichment of chain complexes can be produced in two different ways using the Dold-Kan correspondence. In this presentation, I will be describing and comparing the two enrichments and showing that they are homotopy equivalence to each other.