

Analysis and enriched Category Theory

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In his classic 1973 paper [1], Lawvere showed that metric spaces are an example of enriched categories. In this talk, we will investigate the question: if metric spaces are enriched categories, what are normed spaces?

REFERENCES

- [1] F.W. Lawvere, *Metric spaces, generalized logic, and closed categories*, TAC Reprints, www.tac.mta.ca/tac/reprints/.