

Categories for the working programmers

Live-Code Notebooks exploring monoidal programming languages

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Monads

Monad categories and algebras defined by actual group theoretic examples of Action groups and η , μ Natural Transformations naturally defined and finally programmed.

Monads

Transformations ? , ?

https://www.wolframcloud.com/obj/ccn2/Published/Monad_Part1.nb

Simplex Category ?

Δ is a category defined with finite ordered integers set as objects and non-decreasing maps as morphisms.

Simplex Category Δ

?Sys: String and Term Rewriting for Simplex Category

https://www.wolframcloud.com/obj/ccn2/Published/term_Rewrite_morph_v2.nb

EditDistance[]

Textual Metric Distance Function and its Categorifications

EditDistance[]

EditDistace algorithm and NNG

https://www.wolframcloud.com/obj/ccn2/Published/edit_distance_note1.nb?embed=iframe

EditDistance[]

EditDistance[] Categorification

https://www.wolframcloud.com/obj/ccn2/Published/edit_distance_note2.nb?embed=iframe