

Concordance for Virtual Links

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Is there a reasonable definition of concordance for virtual links?

Do the standard invariants survive?

Does the classical concordance group inject into the virtual concordance groups?

Carter-Kamada-Saito in [http://arxiv.org/PS\\_cache/math/pdf/0008/0008118v1.pdf](http://arxiv.org/PS_cache/math/pdf/0008/0008118v1.pdf)

define a notion of concordance for virtual links (is this the "right" definition?) and prove that modulo it, only linking numbers survive.

on a conceptual level, is concordance  $\Leftrightarrow$  tree-level finite type } This is the content of Habegger-Masbaum

And why? what of this persists for virtuals?

Does the signature extend to virtual knots?



