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Logic in the *Tractatus*. (English. English summary)

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In this 50-page paper a reconstruction of the logical system of L. Wittgenstein's *Tractatus* is presented with detail and extensive apparatus. According to the author, despite considerable voluminous commentary on Wittgenstein, "there is still no received understanding of anything describable as the logical system of the *Tractatus*".

Weiss' reconstruction "differs from classical logic in two ways. It includes an account of Wittgenstein's 'form-series' device, which suffices to express some effectively generated countably infinite disjunctions. And its attendant notion of structure is relativized to the fixed underlying universe of what is named."

Wittgenstein famously argued that logical relationships must show themselves in the structure of signs. He also urged that the size of the universe cannot be prejudged. The results of this paper "indicate that there is no single way in which logical relationships could be held to make themselves manifest in signs, which does not prejudge the number of objects."

The paper has the following sections: (1) Interpretive background; (2) Framework; (3) Expressiveness; (4) Definability; (5) Conclusion; (6) Further work; and (7) Acknowledgements.

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