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EN – LOGIC

This is a lecture read at the V Conference Logical Calculi, Wrocław, November 1973. The full text will appear in *Studia Logica*.

The *EN*-logic deals with identity connective \equiv and truth-functional connective of negation \neg only. The corresponding sentential language L may or may not involve other connectives, conceived as extralogical formators. The *EN*-logic is the pair $\langle L, C \rangle$ where C is the consequence operation imposed on the set of all formulas of L and concerned with \equiv and \neg . Three equivalent definitions of C are given (using models, truth-valuations and rules of inference). Also an outline of the semantics of *EN*-logic is presented (e.g. adequate models, dual space of truth-valuations).

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