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A PROOF-THEORETIC ANALYSIS OF DA COSTA'S C_{ω}^*

The original system C_{ω}^* was formulated by N. C. A. da Costa in *Calculs de prédicats pour les systèmes formels inconsistants*, **C. R. Acad. Sc. Paris** 258 (1964), pp. 27–29; later we gave a new version of this system, NC_{ω}^* , using sequents (cf. A. R. Raggio, *Propositional sequence-calculi for inconsistent systems*, **Notre Dame Journal of Formal Logic** IX (1965), pp. 91–100). As both axiomatizations are not suitable for a proof-theoretic analysis, here we present an axiomatization of NC_{ω}^* using Gentzen's natural deduction.

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