



FRIEDRICH-ALEXANDER
UNIVERSITÄT
ERLANGEN-NÜRNBERG
NATURWISSENSCHAFTLICHE
FAKULTÄT



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Tomasz Trzészniwski: The Discrete Semiclassical Action of CDT

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CDT model is a nonperturbative approach to quantum gravity, demonstrating a spontaneous generation of the semiclassical solution. Gravitational path integral is approximated by the weighted sum over causality-preserving simplicial manifolds i.e. causal triangulations. Analysis of the data from numerical Monte-Carlo simulations of CDT in 3+1 dimensions shows that behaviour of (4, 1) simplicial building blocks of spacetime can be very well described by an expansion of the classical minisuperspace model. The precise form of the discrete analogue of the minisuperspace action will be discussed. Furthermore, it will be presented that the remaining (3,2) simplices may also be successfully included in the semiclassical description, leading to the extended discrete action and that the consistency between the two frameworks exists.