

Abstract Submitted
for the APR16 Meeting of
The American Physical Society

Dimensional Reduction in Causal Set Gravity¹ STEVEN CARLIP,
Univ of California - Davis — Several different approaches to quantum gravity indicate that the effective dimension of spacetime falls to approximately two at very short distances. I provide evidence for similar behavior in the causal set approach to quantum gravity.

¹Supported in part by Department of Energy grant DE FG02-91ER40674

Steven Carlip
Univ of California - Davis

Date submitted: 04 Jan 2016

Electronic form version 1.4