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Tim Hsu* (hsu@math.sjsu.edu), Department of Mathematics, San Jose State University, San Jose, CA 95192-0103, and **Daniel T. Wise** (wise@math.mcgill.ca), Department of Mathematics and Statistics, McGill University, Montreal, Quebec H3A 2K6, Canada. *How to cubulate a group*. Preliminary report.

We say that a group G is *cubulated* if it acts properly and cocompactly on a CAT(0) cube complex. We discuss general techniques, from work of Sageev and Hruska/Wise, for proving that a group G is cubulated. We also give examples and applications from recent work and work in progress. (Received March 28, 2010)