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Eduard Einstein* (ece02006@gmail.com), 310 Malott Hall, Ithaca, NY 14853. *Hierarchies for Relatively Hyperbolic Virtually Special Groups*. Preliminary report.

Wise's malnormal special quotient theorem (MSQT) is a key ingredient in Agol's proof of the Virtual Haken Conjecture. The most important step in proving the MSQT is the construction of a hierarchy for hyperbolic compact special non-positively curved cube complexes. In this talk, I will explain how to extend these results from the hyperbolic setting to the relatively hyperbolic setting. (Received September 12, 2017)