

1154-VM-2690 **David Herron, Abigail Richard*** (richaab@mail.uc.edu) and **Marie Snipes**. *Chordal Hausdorff Convergence and Quasihyperbolic Distance*.

We present relationships between multiple types of convergence. In particular, we examine types of convergence of sets including Hausdorff convergence, Gromov-Hausdorff convergence, etc. In studying these relationships, we gain a better understanding of the necessary conditions for the quasihyperbolic metric to pointed Gromov-Hausdorff converge. (Received September 17, 2019)