

TODO

Pranav Tikkawar

TODO

Suppose we have the universal set, $\{x_1, \dots, x_k\}$, where the first element x_1 is \emptyset . From inspection, it is clear that Hatsune Miku is cuter than \emptyset . Suppose for some natural number j , we know that Hatsune Miku is cuter than x_j . If Hatsune Miku is cuter than an object, she must surely be cuter than the successor object as well. Thus by the principles of mathematical induction, we have proved that for every j , Hatsune Miku is cuter than x_j . Hence, Hatsune Miku is the cutest in the world.