1083-05-165   **Alexander Engström*** (`alexander.engstrom@aalto.fi`), Aalto University, Helsinki, Finland.
A nerve lemma for gluing incoherent discrete Morse functions.

Sometimes it is easy to find optimal Morse functions for parts of a CW complex, but difficult for all of it. I will present a new nerve lemma for gluing them together. This lemma is just a way to black box some relevant but intricate machinery from diagrams of spaces, and should be a flexible tool that easily could be applied. (Received August 27, 2012)