DOUG RAVENEL, University of Rochster

The slice filtration revisited

The slice spectral sequence is the main computational device used to prove the Kervaire invariant theorem. It is based on a certain filtration of the category of G-spectra for a finite group G which generalizes the filtration by connectivity in the nonequivariant case. Using geometric fixed points, we give a new definition of it that is easier to work with than the original one.