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About the cohomological Conley index of isolated invariant continua

I will present the cohomological Conley index associated to an isolated invariant continuum X of a homeomorphism f and I shall discuss it in terms of the Čech cohomology groups of the unstable manifold. I'll give some consequences about the fixed point index of f at X .

(Joint work with L. Hernández-Corbato and J.J. Sánchez-Gabites.)