



Analysis Seminar

Infinite Cartesian product of power series spaces and an application to Whitney spaces

By

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Abstract: We present progress on the topological classification of Whitney's jet spaces on null sequences with a "moderate" speed of convergence. We recently found out that these Whitney Spaces are isomorphic to infinite Cartesian products of power series spaces. We show the isomorphism and following our previous work on infinite cartesian products of power series spaces, we give a necessary condition for two Whitney spaces to be isomorphic. This is joint work with A. Goncharov.

Date: Tuesday, October 4, 2022

Time: 16:00-17:00

Place: SA141 Mathematics Seminar Room