

1176-57-19

R. Inanc Baykur* (baykur@math.umass.edu) and **Noriyuki Hamada**. *Exotic 4-manifolds with signature zero.*

We will talk about our recent construction of the smallest closed exotic 4-manifolds with signature zero known to date. Our novel examples are derived from fairly special small Lefschetz fibrations we build, with spin and non-spin monodromies. This is joint work with N. Hamada. (Received December 27, 2021)