Kintserich invaniants & configuration spaces

June 2, 2025

Zer Y, X be compact onecuted monoth manifolds.
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Zet Euclos (Y,X) le the space of monoth eucloseddings
$$Y \longrightarrow X$$
 that air fixed on the boardones
GOAL: understand top. properties of Euclos (Y,X)
The = conn comp = euclos / introduced up to departation
Hr. = K-parament form of eucloseddings $Y \longrightarrow X$ that air fixed on the boardones
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GOAL: understand top. properties of Euclos (Y,X)
The = k-parament form of eucloseddings
For n>1 let Conf n X := { (21,..., 2n) \in Xⁿ: $x_{i} + a_{i} + i_{j}$] \subseteq Xⁿ be the n-th configuration space of X
iDEA: define invanants of eucleddings by acanning them by configurations of in points (for n large encapte)
instance I: Euclos (D', O³) - Vaniller / finite type unot theory as Guarious Habito changes
instance II: DT(f_{3} (D⁶) - Watamabe's classes This LECTURE series
instance II: Euclos (D', X⁴) - geospero
For all we will see the same pattern:
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§ examples.



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