22(5)

Obstruction Theory and Coincidences in Positive Codimension

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摘要   Let $f,g:X\to Y$ be two maps between closed manifolds with {\bf $\dim X\ge \dim Y=n\ge 3$}. We study the primary obstruction $o_{n}(f,g)$ to deforming f and g to be coincidence free on the n-th skeleton of X. We give examples for which obstructions to deforming f and g to be coincidence free are detected by $o_{n}(f,g)$.

关键词   Nielsen number   Reidemeister number   coincidence theory   obstruction theory

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Key words   Nielsen number   Reidemeister number   coincidence theory   obstruction theory

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