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Title: Cross-caps, triple points and a linking invariant for finitely determined germs

Abstract: It was recently proved that for finitely determined germs $\Phi : (\mathbb{C}^2, 0) \rightarrow (\mathbb{C}^3, 0)$ the number $C(\Phi)$ of Whitney umbrella points and the number $T(\Phi)$ of triple values of a stable deformation are topological invariants. The proof uses the fact that the combination $C(\Phi) - 3T(\Phi)$ is topological since it equals the linking invariant of the associated immersion $S^3 \looparrowright S^5$ introduced by Ekholm and Szűcs. We provide a new, direct proof for this equality. We also clarify the relation between various definitions of the latter invariant.