

1. Record Nr.	UNINA9910478884103321
Autore	Banagl Markus <1971->
Titolo	Extending intersection homology type invariants to non-Witt spaces // Markus Banagl
Pubbl/distr/stampa	Providence, Rhode Island : , : American Mathematical Society, , [2002] ©2002
ISBN	1-4704-0358-7
Descrizione fisica	1 online resource (101 p.)
Collana	Memoirs of the American Mathematical Society, , 0065-9266 ; ; number 760
Disciplina	510 s 514/.23
Soggetti	Intersection homology theory Duality theory (Mathematics) Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references (page 83).
Nota di contenuto	<p>""Contents""; ""Chapter 1. Introduction""; ""1. History""; ""2. Motivation""; ""3. The Main Result: A Postnikov System of Lagrangian Structures""; ""4. Consequences: Characteristic Classes""; ""5. Ordered Resolutions a€? A Model Construction""; ""6. Applications""; ""7. Further Developments""; ""8. Sign Questions""; ""9. Some Remarks on Coefficients""; ""10. Acknowledgments""; ""11. Notation""; ""Chapter 2. The Algebraic Framework""; ""1. The Lifting Obstruction""; ""2. The Category of Selfa€?Dual Sheaves Compatible with IH""; ""3. Lagrangian Structures""</p> <p>""4. Extracting Lagrangian Structures from Selfa€?Dual Sheaves""""5. Lagrangian Structures as Building Blocks for Selfa€?Dual Sheaves""; ""6. A Postnikov system""; ""Chapter 3. Ordered Resolutions""; ""1. The Purpose of the Construction""; ""2. Definitions""; ""3. The PL Construction""; ""4. Inductive Singularization of a Manifold""; ""Chapter 4. The Cobordism Group $I^{\text{sup}}(\text{SD})_{\text{sub}^*}$""; ""1. The Closed Objects""; ""2. The Admissible Cobordisms""; ""3. The Cobordism Invariance of $I^?$""; ""4. Relation to Witt Space Cobordism""; ""Chapter 5. Lagrangian Structures and Ordered Resolutions""</p>

""1. Statement of Result""""2. The inductive set $a \in \mathbb{Z}^n$ ""; ""3.
Construction of a nonsingular pairing on $H^k(\mathbb{C}P^m)$ ""; ""4.
Stalks of $H^k(\mathbb{C}P^m)$ as the hypercohomology of the link of $\mathbb{C}P^m$ "";
""5. The restriction of $L^k(\mathbb{C}P^m)$ to $V(x)$ is self-dual""; ""6.
The construction of a Lagrangian subsheaf of $H^k(\mathbb{C}P^m)$ ""; ""7.
The definition of $L^k(\mathbb{C}P^{m+1})$ ""; ""Appendix A. On Signs"";
""Bibliography""
