



Singularity Theory and its Applications

Dr Cathy Hobbs

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Ying-Ying Zheng



Singularity Theory And Its Applications:

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Applications: Geometric aspects of singularities David Mond,1991 **Singularity Theory and Its Applications** ,1991

Singularity Theory and Its Applications ,1991 *Singularity Theory* Denis Cheniot,Jean-Paul Brasselet,2007 The Singularity School and Conference took place in Luminy Marseille from January 24th to February 25th 2005 More than 180 mathematicians from over 30 countries converged to discuss recent developments in singularity theory The volume contains the elementary and advanced courses conducted by singularities specialists during the conference general lectures on singularity theory and lectures on applications of the theory to various domains The subjects range from geometry and topology of singularities through real and complex singularities to applications of singularities *Theory of Singularities and Its Applications* Vladimir Igorevich Arnol'd,1990 The theory of singularities lies at the crossroads between those

branches of mathematics which are the most abstract and those which are the most applied Algebraic and differential geometry and topology commutative algebra and group theory are as intimately connected to singularity theory as are dynamical systems theory control theory differential equations quantum mechanical and quasi classical asymptotics optics and functional analysis This collection of papers incorporates recent results of participants in the editor's ongoing seminar in singularity theory held in the Mechanics and

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