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   Sommario/riassunto Duflo isomorphism first appeared in Lie theory and representation
                       theory. It is an isomorphism between invariant polynomials of a Lie
                       algebra and the center of its universal enveloping algebra, generalizing
                       the pioneering work of   Harish-Chandra on semi-simple Lie algebras.
                       Later on, Duflo's result was refound by Kontsevich in the framework of
                       deformation quantization, who also observed that there is a similar
                       isomorphism between Dolbeault cohomology of holomorphic
                       polyvector fields on a complex manifold and its Hochschild
                       cohomology. The present book, which arose from a series of lectures
                       by the first author at ETH, derives these two isomorphisms from a
                       Duflo-type result for Q-manifolds.   All notions mentioned above are
                       introduced and explained in the book, the only prerequisites being
                       basic linear algebra and differential geometry. In addition to standard
                       notions such as Lie (super)algebras, complex manifolds, Hochschild
                       and Chevalley-Eilenberg cohomologies, spectral sequences, Atiyah and
                       Todd classes, the graphical calculus introduced by Kontsevich in his
                       seminal work on deformation quantization is addressed in details.
                       The book is well-suited for graduate students in mathematics and

mathematical physics as well as for researchers working in Lie theory, algebraic geometry and deformation theory.