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	authors	<ul style="list-style-type: none">Keizo Hasegawa	authors	<ul style="list-style-type: none">Keizo Hasegawa	NOT DUPLICATES	1207
	title	Complex and Kaehler structures on compact homogeneous manifolds - their existence, classification and moduli problem	title	Complex and Kaehler structures on compact solvmanifolds		
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	id	id-3365535324829362614	id	id8643017784509452930		
	abstract	The existence of some complex geometrical structures on a compact manifold such as complex structures, Kaehler (pseudo-Kaehler) structures often impose certain restrictions on its underling topological or differentiable manifold. In this article we survey recent developments in the study of the existence, classification and moduli problems of such structures on compact homogeneous manifolds.	abstract	We discuss our recent results on the existence and classification problem of complex and Kaehler structures on compact solvmanifolds. In particular, we determine in this paper all the complex surfaces which are diffeomorphic to compact solvmanifolds (and compact homogeneous manifolds in general).		
	versions		versions			