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	authors	<ul style="list-style-type: none">Dmitry A. BerdinskyIskander A. Taimanov	authors	<ul style="list-style-type: none">Berdinsky, D.Taimanov, I.	DUPLICATES	908
	title	Surfaces in three-dimensional Lie groups	title	Surfaces in Three-Dimensional Lie Groups		
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	abstract	We derive the Weierstrass (or spinor) representation for surfaces in three-dimensional Lie groups Nil, $\tilde{\mathrm{SL}}_2$, and Sol with Thurston's geometries and establish the generating equations for minimal surfaces in these groups. By using the spectral properties of the corresponding Dirac operators we find analogs of the Willmore functional for surfaces in these geometries.	abstract			
	versions		versions			