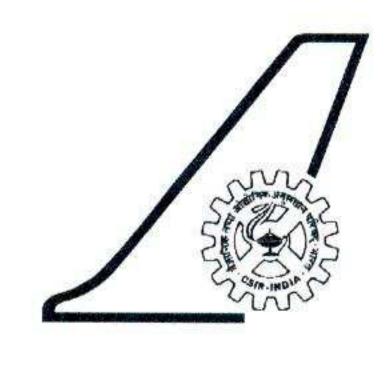
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Title:	Geometric Formation of Quadri	c Surfaces for Conformal Arrays				
Author/s:	Satya Kesh Dubey, R. M. Jha					
Division:	ALD	NAL Project No: FAC-00-01-06				
Document No:	PD AL 1202	Date of issue: January 2012				
Contents:	Pages: 32 Figur	es: 10 Tables: X References: 8				
External Partic	cipation: Nil					
Sponsor:	\mathbf{X}					
Approval:	Chairman, Systems Engineering Cluster					
Remarks:	X					
Keywords: Conformal arrays, Quadric, Surface generation, Affine geometry, Projective geometry, Coordinate transformation						

Abstract: In this document, the generation of quadric surfaces is discussed in terms of developable geometric objects. Two fundamental methods are discussed for the generation of a quadric; transformations of coordinate axes and projection of a geometric object. Both methods are equally competent for explaining a generic surface. A concise description of both methods along with examples is elucidated. Both numerical and graphical representation of surface generation of a quadric surface is given. Visualizations for the generated cylindrical and quadric surfaces are presented.