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Unified optimal design of external and internal parallel indexing cam mechanisms

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Mechanism and Machine Theory, 1988, 23, 313-318.

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#	Paper	IF	Citations
14	On the manufacturing tolerance of disk cam profile. <i>Journal of Materials Processing Technology</i> , 1993 , 38, 71-84	5.3	3
13	The Generation of Contact Surfaces of Indexing Cam Mechanisms: A Unified Approach. <i>Journal of Mechanical Design, Transactions of the ASME</i> , 1994 , 116, 369-374	3	25
12	Synthesis of Contact Surfaces of Spherical Cam-Oscillating Roller-Follower Mechanisms: A General Approach. <i>Journal of Mechanical Design, Transactions of the ASME</i> , 1994 , 116, 315-319	3	15
11	Synthesis of the internal parallel cam mechanism. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 1998 , 212, 577-585	1.3	7
10	Synthesis of conjugate Geneva mechanisms with curved slots. <i>Mechanism and Machine Theory</i> , 2002 , 37, 1043-1061	4	21
9	KHV Indexing Cam Mechanism: A New Intermittent Mechanism. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2005 , 219, 687-694	1.3	
8	Meshing Analysis of the Planetary Indexing Cam Mechanisms. <i>Journal of Mechanical Design, Transactions of the ASME</i> , 2005 , 127, 340-346	3	9
7	The pure-rolling cam-equivalent of the Geneva mechanism. <i>Mechanism and Machine Theory</i> , 2006 , 41, 1320-1335	4	16
6	Research and development of CAD/CAM integration of parallel indexing cam. 2009 ,		
5	Characteristics of Singular Point on Cycloid and its Application in Parallel Indexing Cam Mechanisms. <i>Materials Science Forum</i> , 2009 , 628-629, 137-142	0.4	
4	Dynamic Analysis of a New Coaxial Indexing Cam Mechanism. <i>Applied Mechanics and Materials</i> , 2011 , 101-102, 673-676	0.3	
3	Effects of the design parameters on the synthesis of Geneva mechanisms. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2013 , 227, 2000-2009	1.3	9
2	Design and analysis of indexing cam mechanism with parallel axes. <i>Mechanism and Machine Theory</i> , 2014 , 81, 155-165	4	19
1	The conjugate profile of the circular teeth of a spur gear. Part I: Problem statement. <i>IOP Conference Series: Materials Science and Engineering</i> , 997, 012067	0.4	0