

Diving Literature

Subject	Title Author Source	Source data	Type Language In library	Year Lib #
coed	Diving coaching technical manual level 1		book eng yes	1984 pp. 100+
Keywords:	Canadian amateur diving association	1984		
coed	Standpunkte zur entwicklung des Lehrgebietes Theorie und Methodiek der Sportarten		art ger yes	1983 pp. 14 D483
Keywords: acrobatics	Borrmann, G. Wissenschaftliche Zeitschrift der DHFK	1983, jaar 24, 2, pp 49-62		
coed	Erarbeitung individueller Technikmodelle ausgewählter Kader der Förderstufe II		unp ger no	1978 pp. 22
Keywords:	Mager, J. Leipzig, FKS	1978, 22 pp, forschungsergebnis		
coed	Lehrbrief Wasserspringen		unp ger yes	1976 pp. 358 D561
Keywords:	Schwimmverband Niedersachsen	1976, 358 pp		
coed	Lehrbrief wasserspringen		unp ger yes	1976 pp. 100+
Keywords:	Schwimmverband Niedersachsen e.V.	august 1976		
coed	Cursus trainer schoonspringen		unp dut yes	1973 pp. 73 S280
Keywords:	KNZB	1973-1974		
coed	Leerboek cursus clubtrainer A schoonspringen KNZB		unp dut yes	pp. 90 S281
Keywords: knzb	Meelhuysen, H.J. ; Sterren v.d., K.S. KNZB	1984?		
coed	Opleidingen trainer A schoonspringen informatie		unp dut yes	pp. 17 D656
Keywords:	Molenaar; Roos; Want-Dommers KNZB	1985?		
comp	Einfluss des Armschwunges beim 207c in Turmspringen - eine Mehrkörpersimulation		art ger yes	2013 pp. 1 1P131
Keywords: simulation back spin	Schüler, A.; Schleichardt, A.; Witt, M. in: Tagung der DVS sektion Biomechanik	märz 2013, Abstractband, Chemnitz, p 18		
comp	Applying evolutionary algorithms to optimize platform diving and evolving of a diving model		art eng yes	2013 pp. 8 S549
Keywords: model	Schüler, A.; Köthe, T. in: Diving research worldwide, Köthe, T.	2013, pp 53-60		

Diving Literature

Subject	Title	Source data	Type	Year
	Author		Language	
	Source		In library	Lib #
comp	Computer simulation of back somersaults in platform diving		art	2012
Keywords: simulation back spin	Schüler, Alex; Schleichardt, Axel; Köthe, Thomas; Witt, Mare		eng	pp. 4
	in: proc XXX int. Conf biomechanics in sports	2012, pp 388-391	yes	D1089
comp	Modeling and optimal control of human platform diving with somersaults and twists		art	2012
Keywords: model 3D	Koschorreck, Jens; Mombaur, Katja		eng	pp. 28
	Optimization and Engineering	2012, 13, pp 29-56	yes	S425
comp	Computer simulation modelling in sports biomechanics		art	2011
Keywords: model	King, Mark		eng	pp. 4
	Portuguese journal of sport sciences	11, suppl 2, 2011, pp 19-22	yes	S223
comp	Optimal strategies in diving for dives of the reverse group via evolutionary algorithms		art	2011
Keywords: reverse model	Schüler; Köthe; Molka; Hildebrand		eng	pp. 4
	Portuguese journal of sport sciences	11, suppl 2, 2011, pp 825-828	yes	S222
comp	Dynamic modeling of a springboard during a 3m dive		art	2010
Keywords: model	Haake, S.; Goodwill; Heller; Schorah; Gomez		eng	pp. 6
	Procedia Engineering	2010, 2, pp 3299-3304	yes	S172
comp	Optimierung von Wassersprungbewegungen mit evolutionären Algorithmen		art	2010
Keywords: model	Molka, T.		ger	pp. 9
	in: Frühjahrsschule Informations und Kommunikati	2010, 12, pp 117-125	no	
comp	Optimisation of somersaults and twists in platform diving		art	2009
Keywords: model	Koschorrek, J.; Mombaur, K.		eng	pp. 3
	Computer methods in biom and biom engineering	vol 12, S1, aug 2009, pp 157-159	yes	S252
comp	Research on virtual actor action editing and movement control		art	2008
Keywords: simulation	W Qin; Y Wu; Z Zhao		eng	pp.
	Springer verlag	2008	no	
comp	Synchronization analysis for synchronized diving videos		art	2008
Keywords: synchro judging	Haoyang Ding; Jian Cheng; Hanqing Lu; Zhixin Zhou		eng	pp. 4
	in: Multimedia and Expo	2008, pp 897-900	no	A029
comp	Establishment of human body based on nurbs and their application to the simulation of springboard diving		unp	2007
Keywords: model	Jiang, Yong; Zhang, Xuefeng; Zhang, Yanxia		eng	pp. 6
	symposium proceddings 6th IACSS, Alberta Cana	2007, pp 235-240	yes	S376

Diving Literature

Subject	Title	Source data	Type	Year
	Author		Language	
	Source		In library	Lib #
comp	Parameter determination for a computer simulation model of a diver and a springboard		art	2006
Keywords: simulation	Yeadon, M.R.; Kong, P.W.; King, M.A.		eng	pp. 10
	Journal of applied biomechanics	2006, 22, 3, aug, pp 167-176	yes	D786
comp	Multijoint control strategies transfer between tasks		art	2006
Keywords: take off model	McNitt, J.L.; Requejo, P.S.; Flashner, H.		eng	pp. 10
	Biological Cybernetics	june 2006, vol 94, no 6, pp 501-510	yes	S556
comp	Automatic detection and recognition of athlete actions in diving video		art	2006
Keywords: video	Li, Haojie; Wu, Si; Ba, Shan; Lin Shouxun; Zhang, Yongdong		eng	pp. 10
	Lecture notes in computer science	vol 4352, 2006, pp 73-82	yes	S369
comp	(Experimental research on splash eliminating movement of diving)		art	2005
Keywords: rip entry	Qian, Jing-guang; Jin, Hai-quan; Hu, Wei; Zhang, Song-ning		chi	pp. 4
	Journal of Shanghai institute of phys ed	vol 29, no 4, aug 2005, pp 49-52	yes	S423
comp	(Mechanical modeling and optimization of the man - plate system)		art	2005
Keywords: model	Xu, Guan-zhong; Wang, Zong-ping; Lu, Gang		chi	pp. 3
	J. of Shandong institute of PE and sports	vol 21, no 2, apr 2005, pp 77-78, 96	yes	S440
comp	New approach to human motion sequence recognition with application to diving actions		art	2005
Keywords:	Xiang, S.; Zhang, C.; Chen, X.; Lu, N.		eng	pp. 10
	in: machine learning and data mining in pattern rec	2005, pp 487-496	no	
comp	User interfaces for interactive control of physics-based 3D characters		int	2005
Keywords:	Zhao, P.; Panne van de Michiel		eng	pp. 8
	University of British Columbia	internet, 8 pp	yes	S110
comp	(Analysis of aerial performance techniques in 3-m board diving wiht the method of 3D kinesiology)		art	2005
Keywords: 3D	Hao, Wei-ya; Ai, Kang-wei; Wang, Zhi		chi	pp. 3
	Journal of capital institute of phys ed	vol 5, no 3, may 2005, pp 63-65	yes	S397
comp	(Investigation of splash formation and rip entry technique in competitive diving)		art	2005
Keywords: model rip entry	Qian, Jing-guang		chi	pp. 4
	Journal of Nanjing institute of phys ed	vol 4, no 3, sep 2005, pp 1-4	yes	S395
comp	Modelling, optimization and simulation of human springboard dynamic system		book	2005
Keywords: simulation	Jiang Y.; Li, J.; Shen, Y.		eng	pp. 92
	World Academic Press (Liverpool?)	2005, 92 pp, ISBN 97818 46260001	no	

Diving Literature

Subject	Title	Source data	Type	Year
	Author		Language	
	Source		In library	Lib #
comp	Computer simulation of the takeoff in springboard diving		unp	2005
Keywords: take-off	Kong, Pui Wah University of Loughborough	2005, PhD	eng no	pp.
comp	Determination of foot-springboard interface parameters using an angle-driven model of springboard diving takeoff		art	2004
Keywords:	Kong, P.W.; King, M.A.; Yeadon, M.R. in: Hubbard, the engineering of sport	2004, 5, 2, pp 396-401 (vol 7, no 4, pp 215-216?)	eng no	pp. 2
comp	New model of the springboard in diving		art	2004
Keywords: model	Kong, P.W.; Yeadon, M.R.; King, M.A. in: proc. XXII int symp on biomechanics in sports	2004, Ottawa, pp 221-224	eng yes	pp. 4 D916
comp	Learning-based tracking for diving motions		art	2004
Keywords: simulation	Yuan Xiong Proc 3rd int conf on image and graphics	2004	eng no	pp.
comp	Moving objects extraction in diving video		art	2003
Keywords: video	Yong Li; Qingmin Liao Tsinghua University; in image and video communica	Bhaskara Vasudec, 2003	eng no	pp.
comp	(Three dimensional human modeling techniques based NURBS and application in simulation system of springboard diving - 2)		unp	2003
Keywords:	Zhang, Xuefeng Nanjing university of technology	2003, 65 pp	chi yes	pp. 65 S392
comp	(Three dimensional simulation system of springboard diving)		unp	2002
Keywords: model	Wang, Qingjiang Nanjing university of technology	2002, 108 pp	chi yes	pp. 108 S391
comp	(Simulation of splash control in competitive diving)		unp	2001
Keywords: rip entry	Qian, Jing-guang; Zhang, Song-ning; Jin, Hai-quan XIX int symp on biomechanics in sports	2001, 6, pp 113-116	eng no	pp. 4
comp	(Numerical analysis and simulation of springboard system)		unp	2000
Keywords: model	Wang, Q Nanjing University of science and technology	masters thesis, 2000	chi no	pp.
comp	(Realizing of arthrosis auto-orientation in sports)		art	2000
Keywords: simulation	Wang, Zongping; Jiang, Yong; Shu, Tingting journal of Nanjing institute of phys ed	vol 14, no 4, 2000, pp 9-12	chi yes	pp. 4 S444

Diving Literature

Subject	Title	Source data	Type	Year
	Author		Language	
	Source		In library	Lib #
comp	Computation of optimal high-dives		art	2000
Keywords: simulation	Albro JV; Sohl GA; Bobrow JE		eng	pp. 6
	Int conf on robotics IEEE, San Francisco	2000, pp 3958-3963	yes	S563
comp	Computation of optimal high-dives		art	2000
Keywords: model	Albro J.; Sohl A.; Bobrow, J.; Park, F.		eng	pp. 6
	in: proc IEEE int conf on robotics & automation	San Francisco CA, 2000, pp 3958-3963	no	
comp	Simulation software for human-board system in springboard diving		art	1999
Keywords: oscillation model	Wang, Z.; Jiang, Y. et al		eng	pp. 4
	Sports science, Beijing	19, 2, 7 mar 1999, pp 59-62	no	
comp	Development and application of the simulation software for human-board system in springboard diving		art	1999
Keywords:	Wang Zongping		chi	pp. 4
	Sports science, Beijing	vol 19, no 2, mar 1999, pp 59-62	yes	S417
comp	Learning control of complex skills		unp	1998
Keywords: model	Crawford, Lara Sidonie		eng	pp. 148
	University of California, Berkeley	1998, 148 pp	yes	
comp	Automatische Leistungsbewertung im Sport		art	1998
Keywords:	Owusu, G.; Willis, N.; et al.		ger	pp. 9
	in: Informatik und Sport Band 5, Sport und Buch	1998, pp 121-129	no	
comp	Weiterentwicklung computergestützter Messplätze im Gerätturnen, Wasserspringen und ...		unp	1997
Keywords: lab	Knoll, K. et al.		ger	pp. 26
	Leipzig, IAT	1997, 26 pp, forschungsergebnis	yes	D963
comp	Lernmotorische (informatrische) und muskulär antriebsseitige Faktoren zur Optimierung von Absprungbewegungen ...		unp	1997
Keywords:	Krug, J.		ger	pp.
	Leipzig, IAT	1997, Abschlussbericht Forschungsprojekt 6-2-96	no	
comp	Computer graphics in diving		unp	1996
Keywords:	Slobounov, S.M.; Slobounov, E.S.		eng	pp.
	United States diving foundation	grand #96-21,report 1, march 1996, june 1996	no	
comp	Simulation of human diving and splashing fluids		int	1996
Keywords: simulation splash	O'Brien, J.F.; Wooten, W.; Hodgins, J.K.		eng	pp. 4
	Georgia Institute of Technology	internet publication 1996, 4 pp	yes	S334

Diving Literature

Subject	Title Author Source	Source data	Type Language In library	Year Lib #
comp	Simulation of human diving		int	1996
Keywords:	Wooten, W.L.; Hodgins, J.K. Georgia Institute of Technology	1996?	eng yes	pp. 11 D500
comp	Modeling the biomechanics of diving using the symbolic dynamics approach		art	1996
Keywords:	Preston, S.B.; Subic, A.J.; Glover, B. in: Lee (ed.) proc 1st Australasian biom. Conf. Syd	1996, feb 1&2, pp 74-75	eng yes	pp. 2 D863
comp	Computer application in sports training		art	1996
Keywords: china	Dai, W in: proc 1995 AIESEP, Wingate inst. For PE and s	1996, pp 301-303	eng no	pp. 3
comp	Animation of human diving		art	1996
Keywords:	Wooten, W.L.; Hodgins, J.K. Computer Graphics Forum	1996, vol 15, no 1, pp 3-13	eng no	pp. 11 A017
comp	Biological motor control approaches for a planar diver		art	1995
Keywords: model	Crawford, L.S.; Sastry, S.S. in: proc IEEE conf on decision and control	1995, pp 3881-3886	eng NO	pp. 6
comp	Biological motor control approaches for a planar diver		art	1995
Keywords: simulation	Crawford LS Proc 34th IEEE conf	1995, pp 3881-3886	eng yes	pp. 6 S564
comp	Computer graphics for balance improvement in springboard diving		unp	1995
Keywords:	Slobounov, S; Slobounov, E; et al. United States diving	report oct 1995, grand #95-21	eng no	pp. D812
comp	Computer visualization for balance improvement in springboard diving		unp	1995
Keywords:	Slobounov, S.; et al. US diving sport science seminar	1995	eng no	pp.
comp	MINT: a diving performance analysis tool		art	1993
Keywords:	Sinclair, M.; Wooten, W.; Vitz, F. in: Proceedings U.S. diving sports science seminar	1993, pp 55-59	eng yes	pp. 5
comp	Optimal control of a somersaulting platform diver		art	1993
Keywords: model	Murthy, N.; Keerthi, S. in: proc IEEE int conf on robotics & automation	Atlanta GA, 1993, pp 1013-1018	eng no	pp. 6

Diving Literature

Subject	Title Author Source	Source data	Type Language In library	Year Lib #
comp	Multi mass model of a diving board		unp eng	1993 pp.
Keywords: model	Hu, M.; Shan, G.B.; Natrup, J.; Nicol, K. in: int symp on comp simulation in biom	1993, Paris (1-6, 1-9)	no	
comp	Computersimulation von Schraubensprüngen		art ger	1992 pp. 7
Keywords: twist	Müllensiefen, Alfred Leistungssport	1992, 22, 4, pp 43-49	yes	D381
comp	Development of a knowledge based expert system for skill analysis of forward non-twisting dives		unp eng	1989 pp.
Keywords:	Springs ; Watson ; Stilling Sport Canada (final report to)	1989, Univ. of Saskatchewan	no	
comp	Application of computer simulation for the modification of twisting techniques of high performance divers		unp eng	1989 pp.
Keywords: twist	Yeadon, M.R. University of Calgary	1989	no	
comp	Improving springboard diving through biomechanical analyses and knowledge based expert system application		unp eng	1989 pp.
Keywords:	Stilling, D.S.	1989, master's thesis	no	
comp	United States Diving meet management system		unp eng	1989 pp. 23
Keywords:	McCabe, Jim United States Diving	1989, 23 pp owners manual	yes	D192
comp	New computer program gives diver the edge		art eng	1988 pp. 2
Keywords:	Hoffman, Darwin Diver, the	feb/mar 1988, pp 2-3	no	
comp	Anwendung eines Bewegungsanalysesystems im wasserspringen als Mittel der objektiven Sofortinformation		unp ger	1988 pp.
Keywords:	Köthe, T. in: wissenschaftliche Beiträge FKS	3. biomechanik Konferenz der DDR, 1988	no	
comp	Diveplot		unp eng	1988 pp. 14
Keywords: diveplot	Pizzimenti, Marc unpublished	1998, 14 pp owners manual	yes	D191
comp	Bewegungssimulation mit Hilfe der neuen Personalcomputer in den technisch-akrobatischen Sportarten		art ger	1987 pp. 7
Keywords:	Hildebrand, F; Stark, G. Theorie und Praxis des Leistungssports	1987, 25, 10, pp 28-34	yes	D716

Diving Literature

Subject	Title Author Source	Source data	Type Language In library	Year Lib #
comp	Softwarepaket zur anwendung des KC 85 für Sprunganalysen in Wasserspringen Wagner, R. Leipzig, FKS	1987	unp ger no	1987 pp.
comp	Einbeziehung von Schraubensprüngen und der Videotechnik in die Sprunganalyse im Wasserspringen am ES 1012 Kornagel, D. Leipzig, FKS	1985, 6 pp, forschungsergebnis	unp ger no	1985 pp. 6
comp	Specificatie van een electronisch beoordelingssysteem voor schoonspringen Reijnders, J.R.	1985	unp dut yes	1985 pp. 12 D177
comp	Using the microcomputer for scoring diving meets Hasslinger, Jim Diver, the	oct/nov 1983, pp 13-15	art eng no	1983 pp. 3
comp	Sprunganalyse im Wasserspringen am ES 1012, Teil 2: Dateipflege, übersichtsauswertungen und ---- Kornagel, D. Leipzig, FKS	1983, Forschungsergeb., 7 pp	unp ger no	1983 pp. 7
comp	Analysis of twisting somersault dives using computer diagnostics Liu, Z.C. ; Nelson, R.C. in: Biomechanics IX B	1983, pp 401-406	art eng yes	1983 pp. 6 D59
comp	Stand und Perspektiven der Nutzung der Sprungdatei im Wasserspringen Kornagel, D. Leipzig, FKS	1982, 5 pp, forschungsergebnis	unp ger no	1982 pp. 5
comp	Anwenderbeschreibung zur Sprunganalyse im Wasserspringen am ES 1012, Teil 1: Datenerfassung ---- Kornagel, D. Leipzig, FKS	1982, 12 pp, forschungsergebnis	unp ger no	1982 pp. 12
comp	Home computers and diving Jones, E.D. Diver, the	1982, apr/may, pp 20-21	art eng no	1982 pp. 2
comp	Anwenderbeschreibung für die vereinfachte Sprunganalyse im Wasserspringen mit Hilfe des Taschenrechners HP-97 Kornagel, D. Leipzig, FKS	1981, 11 pp, forschungsergebnis	unp ger no	1981 pp. 11

Diving Literature

Subject	Title	Source data	Type	Year
	Author		Language	
	Source		In library	Lib #
comp	Computer simulation of a forward full twisting dive in layout position		unp	1980
Keywords: twist	Pike, Nancy Lou University of Pennsylvania State	1980, PhD	eng no	pp. 283
comp	Computer simulation of a forward full twisting dive in layout position		unp	1980
Keywords: twist	Pike, Nancy Lou University of Pennsylvania State	1980, PhD.	eng no	pp. A010
comp	Can computers win gold medals?		art	1980
Keywords:	Ariel, Gideon New scientist	24 july 1980, pp 282-284	eng yes	pp. 3 D9
comp	Aufbau und Nutzung einer MB-Datei für den Soll-Ist-Vergleich von ITM und Sprüngen im Wasserspringen		unp	1980
Keywords: model	Kornagel, D. Leipzig, FKS	1980, 7 pp, forschungsergebnis	ger no	pp. 7
comp	Einsatz des kleinrechners für die biomechanischorientierte filmauswertung im wasserspringen		unp	1977
Keywords:	Fricke, B.; Helmschrodt, H.; Mühle, K. Leipzig, FKS	1977, 10 pp	ger no	pp. 10
comp	Computer simulation of the airborne phase of diving		art	1975
Keywords:	Miller, D.I. in: Biomechanics of sport: selected readings	1975, Martin, T.P. ; pp 230-234	eng no	pp. 5
comp	Computer simulation of springboard diving		art	1973
Keywords:	Miller, D.I. in: Biomechanics III	1973, Cerquiglini et al.; pp 116-119	eng yes	pp. 4 D54
comp	Computer simulation model of the airborne phase of diving		art	1971
Keywords: model	Miller, D.I. in: Selected topics on biomechanics	1971, Cooper, J.M. Pp 207-215	eng yes	pp. 9 D371
comp	Details of the design and operation of the electric springboard		art	1940
Keywords:	Swimming pool data and reference annual	8, 50, 1940, Hoffman publ., Ft.Lauderdale	eng no	pp.
comp	Electrical device for flashing judges'awards in diving		art	1934
Keywords: scoreboard	Cureton, T.K. (Yocum, C.C.?) Beach and pool	VIII, feb 1934	eng no	pp.

Diving Literature

Subject	Title Author Source	Source data	Type Language In library	Year Lib #
comp	Diving 2000 software		unp	
Keywords:			eng	pp. 19
	Holman Engineering Pty Ltd	Australia, 1995(?)	yes	D608
comp	Replay scene based sports video abstraction		int	
Keywords: video	Ouyang, Jian-quan; Li, Jin-tao; Zhang, Yong-dong		eng	pp. 9
	Beijing, internet article	9 pp	yes	D509
comp	Computer simulation of the takeoff in springboard diving		art	
Keywords:	Kong, P.W.; Readon, M.R.; King, M.A.		eng	pp.
	in: ISB XXth congress, Cleveland		no	A007
his	(Seriously about the curiosities of the elite sport)		book	2013
Keywords:	Evangelov, A		rus	pp. 134
		2013, 134 pp	yes	
his	15th FINA world championships - High diving		unp	2013
Keywords: high	FINA		eng	pp. 18
		unpublished, 2013, 18 pp	yes	S467
his	Cliff diving		book	2012
Keywords: high	Labrecque, Ellen		eng	pp. 32
	The child's world, Mankato, MN	2012, 32 pp	yes	
his	Leistungsentwicklung und Potenziale für die Optimierung der Trainingssteuerung im Olympiazzyklus bis 2016		art	2012
Keywords: evaluation	Seidel, I.		ger	pp. 17
	Zeitschrift für Angewandte Trainingswissenschaft	2012, vol 19, no 2, pp 170-186	no	
his	LEN media guide european diving championships 2012		unp	2012
Keywords: europeans results	LEN		eng	pp. 42
		2012	yes	S342
his	Bibliografien DSV-team. Olympische Spielen Wasserspringen		unp	2012
Keywords: DSV			ger	pp. 6
	unpublished	2012	yes	S340
his	Einordnung der Olympischen Spiele 2012 in die Entwicklung seit den OS 2004 in Wasserspringen		art	2012
Keywords: evaluation	Köthe, T.; Noth, N.		ger	pp. 12
	Zeitschrift für Angewandte Trainingswissenschaft	2012, vol 19, no 2, pp 230-241	no	