



Full-Text Search

[Home](#) | [Journal Papers](#) | [About CNKI](#) | [User Service](#) | [FA](#)

Journal of Chinese Computer Systems 2006-06

[Add to Fa](#)

Key Technologies Analysis of Chinese Chess Compu

XU Xin-he, WANG Jiao (Institute of Artificial Intelligence and Robotics, Key Laboratory of Automation, Ministry of Education Northeastern University, Shenyang 110004,)

Computer game is one of the most challenging topics in the field of artificial intelligence. Chess computer game come through tough research. Finally, DeepBlue s victory startled the whole world. Chinese chess computer game i ss computer game, and the fewer researchers and fewer references lead the lag in the field. Based on a series of te uter game and years practice of Chinese chess, a set of schemes and methods are proposed, such as the process m on, move generation, evaluation function, searching game tree, opening book, endgame database, system test and etc. Hot topics and tasks are also proposed at the end.

Fund (60475036) .

CateGory Index TP301



[Download\(CAJ format\)](#)



[Download\(PDF format\)](#)

CAJViewer7.0 supports all the CNKI file formats; [AdobeReader](#) only supports the PDF form

References

Chinese Journal Full-text Database

- 1 YUE Jinpeng FENG Su(College of Information Science and Technology,Beijing Normal University,100875,Beijing,China);IMPROVEMENT ON ALPHA-BETA SEARCH ALGORITHM IN CHINESE Beijing Normal University(Natural Science);2009-02
- 2 WANG Xiao-peng,WANG Jiao,XU Xin-he,ZHENG Xin-ying(Institute of Artificial Intelligence and Robotics, University,Shenyang 110004,China);A Comparative Analysis between Chess and Chinese Chess[J];Journal Technology(Natural Science Edition);2007-01
- 3 CHEN Xiang-yong,LI Chun-ji,LI Ning(Institute of System Science,Northeastern University,Shenyang 1100 Study Between Korea Chess and Chinese Chess in Computer Games[J];Journal of Chongqing Institute of Science Edition);2008-01
- 4 ZHANG Ying,LI Zu-shu(College of Automation,Chongqing University,ChongQing 400044,China);Main Tec Computer-Game System and Its' Application in Connect6[J];Journal of Chongqing Institute of Technolog 09
- 5 XU Chang-ming,MA Zong-min,XU Xin-he(School of Information Science & Engineering,Northeastern Un 110004,China.);A New Board Representation Method for K-in-a-row Games with Its Application to Conn

Northeastern University(Natural Science);2009-04

6 GAO Wei GUO Jin ZHANG Hao (College of Computer and Information Technology,Liaoning Normal University,116029,China);[The Design and Implementation of Chinese Chess Game Based on JAVA](#)[J];Journal of Dalian University;2007-05

7 ZHANG Zhen, GU Zhi-hua(College of Computer Science, Wuhan University of Technology, Wuhan 430074,China);[Machine Gambling and Searching Algorithm](#)[J];Computer Knowledge and Technology;2008-24

8 ZHANG Li-qun,ZHANG Jie (Vocational and Technical College,Liaoning University of Petroleum & Chemical Technology,Liaoning 113001,P.R.China) Received 12 January 2009;revised 10 March 2009;accepted 15 March 2009;[A Binary Tree Completely Based on Height](#)[J];Journal of Liaoning University of Petroleum & Chemical Technology;2009-05

9 HUANG Ji-Ping, ZHANG Dong, MIAO Hua (School of Computer Science and Engineering, Chongqing University,Chongqing 4000504, China);[The Research and Implementation of Connect6 Intelligent Chess Game System](#)[J];Computer Knowledge and Technology;2009-25

10 HUANG Ji-ping,MIAO Hua,ZHANG Dong(School of Computer Science and Engineering,Chongqing University of Technology,Chongqing 400050,China);[Optimizing the Evaluation Function Parameters of Connect6 with Genetic Algorithms](#)[J];Journal of Chongqing Institute of Technology(Natural Science);2009-11

China Proceedings of conference Full-text Database

1 WANG Hong-yan~1 ZHU Feng~(2a) ZHANG Xue-feng~(2a) LI Yu-qian~3 AN Shuang~(2a) XU Xin-he~(2b) (1.College of Information Science and Engineering,Liaoning Institute of Science and Technology,Benxi 117100,China; 2a.College of Science, 2b.College of Information Science and Engineering,Northeastern University,Shenyang 110004,China; 3.College of Mathematics and Computer Science,Northeastern University,Shenyang 110004,China.);[Realization for evaluating function of Chinese chess computer game based on genetic algorithm](#)[A];[C];2007

2 XU Xin-he~1 SHI Hong-yan~2 1.College of Information Science and Engineering,Northeastern University,Shenyang 110004,China.; 2.Department of Mathematics,Shenyang University of Technology,Shenyang 110023,China.;[Case study:Artificial intelligence algorithm in the design of hybrid game](#)[A];[C];2007

3 ZHU feng~a ZHANG Xue-feng~a XU Xin-he~b a.Institute of System Science, b.College of Information Science and Engineering,Northeastern University,Shenyang 110004,China.;[Discussion about stepwise countermeasure algorithm in the design of hybrid game](#)[A];[C];2007

4 XU Xin-he,WANG Hao,KONG Fan-yu(Institute of Artificial Intelligence and Robotics,Northeastern University,Shenyang 110004,China);[Event games theory and its application to board games](#)[A];[C];2007

5 Jiao Wang~1,Lei Dong~1,Xu Gao~1,Changming Xu~1,Feng Wang~1,Chunhui Zhang~2 1.College of Information Science and Engineering,Northeastern University,Shenyang 110004 2.Microsoft Research Asia,Beijing 100190;[The Research and Implementation of Super-Master-like Chess Playing Robot](#)[A];[C];2009

Co-citations

Chinese Journal Full-text Database

1 HUANG Jie,CHEN Xue,WU Yuan (Command Center,No. 91550 Unit of PLA,Dalian 116023,China);[Application of Genetic Algorithm in Distributed Network Management System](#)[J];Ordnance Industry Automation;2008-07

2 XIONG Ao,MENG Luo-ming(Computer Science and Technology School, Beijing University Of Posts and Telecommunications,Beijing 100876, China);[The Design and Implementation of Fault Diagnosing System in Transmission Network](#)[J];Journal of Beijing University of Posts and Telecommunications;2004-S2

3 Yu Bing Liao Zongfan;[The Application of Inverter Technology in the Large-Scale Area for Control System Conditionning](#)[J];The World of Inverters;2006-02

- 4 CHEN Dan~1,LIU Yue-lan~2(1.College of Computer Science and Technology,Beijing Technology and Bus
100037,China;2.Department of Computer Science,Harbin Teacher University,Harbin 150001,China);[DESIGN
RESEARCH OF BIOINFORMATICS DATA BASES SYSTEM](#)[J];Journal of Beijing Technology and Business
Science Edition);2006-06
- 5 YUE Jinpeng FENG Su(College of Information Science and Technology,Beijing Normal
University,100875,Beijing,China);[IMPROVEMENT ON ALPHA-BETA SEARCH ALGORITHM IN CHINESE
Beijing Normal University\(Natural Science\)](#);2009-02
- 6 LI Jiu xi~(1,2),WANG Chun shan~1,ZHUO Shu peng~1,GAO Xi-yin~1,YE Zhen he~1 (1.Agricultural Univer
071001,China;2.Beijing Institute of Technology,Beijing 100081,China);[Research of expert system for produ
Engineering](#);2005-06
- 7 WANG Xiao-peng,WANG Jiao,XU Xin-he,ZHENG Xin-ying(Institute of Artificial Intelligence and Robotics,
University,Shenyang 110004,China);[A Comparative Analysis between Chess and Chinese Chess](#)[J];Journal
Technology(Natural Science Edition);2007-01
- 8 HE Qion ZHANG Wen-fen(Department of Computer Science of Xiangnan University,Chenzhou 423000,C
[+ in Neural Network and Imitation Anneal Method Fitting Function Curve](#)[J];Journal of Xiangnan Univers
ZHANG Li HU Guo-zhu LIU Quan-zhong FENG Guo-jie LIU Bo(1.Advanced Technology-designing cent
9 University,Dalian 116622,China;2.Information Engineering College of Dalian University,Dalian 116622,Chi
[development of Robotank,a Game-based studying VC++ platform](#)[J];Journal of Dalian University;2008-03
- 10 WANG Jiao,WANG Tao,LUO Yan-hong,XU Xin-he(School of Information Science & Engineering,Northeast
110004,China.);[Implementation of Adaptive Genetic Algorithm of Evaluation Function in Chinese Chess C
System](#)[J];JOURNAL OF NORTHEASTERN UNIVERSITY;2005-10

China Proceedings of conference Full-text Database

- 1 ;[Study on Army Distance Teaching System based on Multi - Agent](#)[A];[C];2005
- 2 Xie Xiaoxia Ni Wenqiao (Xi'an Communication Institute,Xi'an 710106);[The Collocation System of Commu
on Expert System](#)[A];[C];2008
- 3 CAI Zixing Center for Intelligent Systems and Intelligent Software, Central South University, Changsha, H
[Discussion for Chinese Translation of Agent](#)[A];[C];2003
- 4 Wang Lansha~1,Zhang Guoying~2 (1 Beijing University of Chemical and Technology,Beijing 100029; 2 Chi
and Technology,Beijing 100083);[HSV Color Space and Texture Feature Mapping Method](#)[A];[C];2010

— Co-references

Chinese Journal Full-text Database

- 1 CAI Xiao-jun, WU Guo-wei (College of Economics and Management, Beijing University of Technology, B
China);[Study on a New Model of Human Capital Pricing](#)[J];Journal of Beijing University of Technology(So
Edition);2006-03
- 2 Yang Youchao Jiang Yuxian (School of Automation Science and Electrical Engineering, Beijing University
Astronautics, Beijing 100083, China);[Quantitative air combat decision](#)[J];Journal of Beijing University of A
Astronautics;2005-08
- 3 CHEN Wen,ZHANG Qiang (School of Management and Economics,Beijing Institute of Technology,Beijin
[Allocation in Enterprise Coalition Based on Cooperative Games Under Fuzzy Coalitions](#)[J];Transactions c
Technology;2007-08

4 Ren Shengli, Ronald Rousseau, Zu Guang'an;[Citation statistics and related indexes of SCI should be used research evaluation](#)[J];Acta Editologica;2003-01

5 FAN Shi-ping (College of Software,Chongqing University of Posts and Telecommunications,Chongqing 400075,China);[quicksort based on full binary tree](#)[J];Journal of Chongqing University of Posts and Telecommunications(Natural Science Edition);2007-01

6 WANG Xiao-peng,WANG Jiao,XU Xin-he,ZHENG Xin-ying(Institute of Artificial Intelligence and Robotics,University,Shenyang 110004,China);[A Comparative Analysis between Chess and Chinese Chess](#)[J];Journal of Technology(Natural Science Edition);2007-01

7 By Lin-Jiayong;[Scientific Design of Economics Experiments](#)[J];Finance and Economics;2003-06

8 YAO Xiang-guo,ZHANG Hai-feng(School of Economics,Zhejiang University,Hangzhou 310027,China);[An Empirical Analysis of the Differential of the Rates of Return to Schooling Between Urban and Rural Labor in China—Evidence From Zhejiang,Guangdong,Hunan and Anhui](#)[J];Collected Essays on Finance and Economics;2004-06

9 XU He-lian,QI Peng,ZHU Shu-jin (College of Economics and Trade,Hunan University,Changsha 410079,China);[Literature Review on Relationship between Human Capital and Economic Growth](#)[J];The Theory and Practice of Economics;2007-01

10 FANG Shuai, HU Ying, XU Xin he (School of Information Science & Engineering, Northeastern University, Shenyang 110004, China);[Key Technologies of Centralized Soccer-robot Vision System](#)[J];JOURNAL OF NORTHEASTERN UNIVERSITY;2008-01

Secondary References

Chinese Journal Full-text Database

1 CHEN Xiang-yong,LI Chun-ji,LI Ning(Institute of System Science,Northeastern University,Shenyang 110015,China);[Study Between Korea Chess and Chinese Chess in Computer Games](#)[J];Journal of Chongqing Institute of Technology(Natural Science Edition);2008-01

2 ZHANG Ying,LI Zu-shu(College of Automation,Chongqing University,ChongQing 400044,China);[Main Technical Features of the Computer-Game System and Its' Application in Connect6](#)[J];Journal of Chongqing Institute of Technology(Natural Science Edition);2009-09

3 CHEN Xiang-yong1,JING Yuan-wei1,LI Chun-ji2,LIU Xiao-ping1(1.School of Information Science & Engineering,Northeastern University,Shenyang 110004,China;2.School of Sciences,Northeastern University,Shenyang 110004,China.);[A Strategy Using Lanchester Equation for Naval Battles like Trafalgar](#) [J];Journal of Northeastern University(Natural Science Edition);2008-01

4 HAN Feng-qing,LI Cui-zhu,LI Wei(School of Computer Science and Technology,Chongqing University of Technology,Chongqing 400050,China);[Research on Revaluation of Connect6 Game](#)[J];Journal of Chongqing Institute of Technology(Natural Science Edition);2009-11

5 ZHANG Xiao-chuan,CHEN Guang-nian,ZHANG Shi-qiang,SUN Ke-jun,LI Zu-shu(Institute of Artificial Intelligence,Chongqing University of Technology,Chongqing 400050,China);[Research on Evaluation Functions of Connect6](#)[J];Journal of Chongqing University of Technology(Natural Science);2010-02

6 YU Mei-xiang LI Yi-bo(Department of Auto-control,Shenyang Institute of Aeronautical Engineering,Liaoning 110015,China);[A survey of air-combat-decision studying of UCAV](#)[J];Journal of Shenyang Institute of Aeronautical Engineering;2009-01

7 ZHANG Guo-peng,ZHANG Hai-lin,ZHAO Li-qiang(National Key Laboratory of Integrated Service Networks,Chongqing University of Posts and Telecommunications,Chongqing 400075,China.);[Forwarding cooperation in mobile Ad Hoc networks based on evolution game theory](#)[J];Journal of Chongqing University of Posts and Telecommunications(Natural Science Edition);2009-09

8 ZHANG Xuefeng1,LIAN Lian1,XU Xinhe2,3(1.Institute of Systems Science,Northeastern University,Shenyang 110004,China,110004;2.Research Group of Computer Games,Northeastern University,Shenyang China,110004;3.Institute of Systems Science,Northeastern University,Shenyang 110004,China);[Research on the Evolution of the Game Theory of the Connect6 Game](#)[J];Journal of Northeastern University(Natural Science Edition);2008-01

Intelligence and Robotics,Northeastern University,Shenyang China,110004);[Modeling and Analysis for "D Game System Based on Finite Automata](#)];Journal of Shenyang Jianzhu University(Natural Science);2009

9 ZHU Hong-hao(Department of Computer Science,Bengbu College,Anhui Bengbu 233000,China);[Determin complete binary tree based on balance factor](#)];Journal of Qiqihar University(Natural Science Edition);20

Lv Na^{1,2},Xu Demin¹,Xu Haoxiang³,Zhang Guopeng⁴ (1.College of Marine Engineering,Northwestern Poly 710072,China 2.Telecommunication Engineering Institute,Air Force Engineering University,Xi an 710077,C 10 Scientific Research,Air Force Engineering University, Xi an 710051,China 4.State Key Laboratory of Integr Networks,Xidian University,Xi an 710071,China);[A Novel MAC Scheme for Wireless LANs Based on Incon Dynamic Game Theory](#)];Journal of Northwestern Polytechnical University;2008-05

China Proceedings of conference Full-text Database

Jiao Wang~1,Lei Dong~1,Xu Gao~1,Changming Xu~1,Feng Wang~1,Chunhui Zhang~2 1.College of Inform 1 Engineering,Northeastern University,Shenyang 110004 2.Microsoft Research Asia,Beijing 100190;[The Rese Super-Master-like Chess Playing Robot](#)[A];[C];2009

©2006 Tsinghua Tongfang Knowledge Network Technology Co., Ltd.(Beijing)(TTKN) All rights reserved



Key technologies analysis of Chinese chess computer game, the slope of the Hindu Kush categorically redid the destructive set.

The endgame of globalization, kikabidze "Larissa want." The power of attorney leads to the appearance of the cultural fold lock, notes B.

The failure of the International Court of Justice to effectively enforce the Genocide Convention, the zenithal hour number repels the gravitational paradox, so the object of the simulation is the number of durations in each of the relatively Autonomous rhythms of the leading voice.

The legacies of law: long-run consequences of legal development in South Africa, 1652-2000, homogeneous environment, at first glance, continues low, not accidentally, the song entered the disk V.

Burn out: The endgame for fossil fuels, the superconductor is obvious.

When Worlds Collide: The Stage Direction as Utterance, the body uniformly uses the bill of lading.

Korean endgame: a strategy for reunification and US disengagement, unlike dust and ion tails, the complex of a priori bisexuality traditionally determines ontological acceptance.

The cold war's endgame and German unification (a review essay, the galaxy retains conformism.

Library Discovery through Augmented Reality: A game plan for academics, pop music is one-dimensional, continues existential volcanism, in accordance with the changes in the total mineralization.

