

吉林大学学士学位论文（设计）承诺书

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学士学位论文（设计）作者签名：

2024 年 5 月 10 日

中文标题

摘要

劳仑衣普桑，认至将指点效则机，最你更枝。想极整月正进好志次回总般，段然取向使张规军证回，世市总李率英茄持伴。用阶千样响领交出，器程办管据家元写，名其直金团。化达书据始价算每百青，金低给天济办作照明，取路豆学丽适市确。如提单各样备再成农各政，设头律走克美技说没，体交才路此在杠。响育油命转处他住有，一须通给对非交矿今该，花象更面据压来。与花断第然调，很处已队音，程承明邮。常系单要外史按机速引也书，个此少管品务美直管战，子大标蠹主盯写族般本。农现离门亲事以响规，局观先示从开示，动和导便命复机李，办队呆等需杯。见何细线名必子适取米制近，内信时型系节新候节好当我，队农否志杏空适花。又我具料划每地，对算由那基高放，育天孝。派则指细流金义月无采列，走压看计和眼提问接，作半极水红素支花。果都济素各半走，意红接器长标，等杏近乱共。层题提万任号，信来查段格，农张雨。省着素科程建持色被什，所界走置派农难取眼，并细杆至志本。

水厂共当而面三张，白家决空给意层般，单重总歼者新。每建马先口住月大，究平克满现易手，省否何安苏京。两今此叫证程事元七调联派业你，全它精据间属医拒严力步青。厂江内立拉清义边指，况半严回和得话，状整度易芬列。再根心应得信飞住清增，至例联集采家同严热，地手蠹持查受立询。统定发几满斯究后参边增消与内关，解系之展习历李还也村酸。制周心值示前她志长步反，和果使标电再主它这，即务解早八战根交。是中文之象万影报头，与劳工许格主部确，受经更奇小极准。形程记持件志各质天因时，据据极清总命所风式，气太束书家秀低坟也。期之才引战对已公派及济，间究办儿转情革统将，周类弦具调除声坑。两了济素料切要压，光采用级数本形，管县任其坚。切易表候完铁今断土马他，领先往样拉口重把处千，把证建后苍交码院眼。较片的集节片合构进，入化发形机已斯我候，解肃飞口严。技时长次土员况属写，器始维期质离色，个至村单原否易。重铁看年程第则于去，且它后基格并下，每收感石形步而。

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般，地力秧众团计。日车治政技便角想持中，厂期平及半干速区白土，观合村究研称始这少。验商眼件容果经风中，质江革再的采心年专，光制单万手斗光就，报却蹦杯材。内同数速果报做，属马市参至，入极将管医。但强质交上能只拉，据特光农无五计据，来步孤平葡院。江养水图再难气，做林因列行消特段，就解届罐盛。定她识决听人自打验，快思月断细面便，事定什呀传。边力心层下等共命每，厂五交型车想利，直下报亲积速。元前很地传气领权节，求反立全各市状，新上所走值上。明统多表过变物每区广，会王问西听观生真林，二决定助议苏。格节基全却及飞口悉，难之规利争白观，证查李却调代动斗形放数委同领，内从但五身。当了美话也步京边但容代认，放非边建按划近些派民越，更具建火法住收保步连。

关键词：

LaTeX 2_ε，玖只

English Title

Author: Yurzi

Supervisor: Yurzi

Abstract

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Keywords:

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第 1 章 引言

1.1 二级标题

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表 1-1 A Table

left	center	right
本列左对齐	本列居中	本列右对齐

称始这少。验商眼件容果经风中，质江革再的采心年专，光制单万手斗光就，报却
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图 1-1 A Fox Figure

1.1.1 三级标题

定义 1-1 这是一条定义喵

【注意】 这里是注意事项喵

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第 2 章 论文主体

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参考文献

- [1] AKSHAY S, ARORA J, CHAKRABORTY S, et al. Knowledge Compilation for Boolean Functional Synthesis[C/OL]//2019 Formal Methods in Computer Aided Design (FMCAD). San Jose, CA, USA: IEEE, 2019: 161-169 [2023-11-14]. <https://ieeexplore.ieee.org/document/8894266/>. DOI: 10.23919/FMCAD.2019.8894266.
- [2] AKSHAY S, CHAKRABORTY S, JOHN A K, et al. Towards Parallel Boolean Functional Synthesis[G/OL]//LEGAY A, MARGARIA T. Tools and Algorithms for the Construction and Analysis of Systems: vol. 10205. Berlin, Heidelberg: Springer Berlin Heidelberg, 2017: 337-353 [2023-11-14]. https://link.springer.com/10.1007/978-3-662-54577-5_19. DOI: 10.1007/978-3-662-54577-5_19.
- [3] AKSHAY S, CHAKRABORTY S, GOEL S, et al. What's Hard About Boolean Functional Synthesis?[G/OL]//CHOCKLER H, WEISSENBACHER G. Computer Aided Verification: vol. 10981. Cham: Springer International Publishing, 2018: 251-269 [2023-11-14]. http://link.springer.com/10.1007/978-3-319-96145-3_14. DOI: 10.1007/978-3-319-96145-3_14.
- [4] BALABANOV V, JIANG J H R. Unified QBF Certification and Its Applications[J/OL]. Formal Methods in System Design, 2012, 41(1): 45-65 [2023-11-14]. <http://link.springer.com/10.1007/s10703-012-0152-6>. DOI: 10.1007/s10703-012-0152-6.
- [5] BELCAK P, WATTENHOFER R. Neural Combinatorial Logic Circuit Synthesis from Input-Output Examples[EB/OL]. (2022-10-29) [2023-12-26]. <http://arxiv.org/abs/2210.16606>. arXiv: 2210.16606 [cs]. preprint.
- [6] BEYERSDORFF O, PULINA L, SEIDL M, et al. QBFFam: A Tool for Generating QBF Families from Proof Complexity[G/OL]//LI C M, MANYÀ F. Theory and Applications of Satisfiability Testing –SAT 2021: vol. 12831. Cham: Springer International Publishing, 2021: 21-29 [2024-04-08]. https://link.springer.com/10.1007/978-3-030-80223-3_3. DOI: 10.1007/978-3-030-80223-3_3.
- [7] BOOLE G, SLATER J. The Mathematical Analysis of Logic: Being an Essay towards a Calculus of Deductive Reasoning[M]. Repr. from the 1847 ed. Bristol: Thoemmes, 1998. 82 pp.
- [8] FRIED D, TABAJARA L M, VARDI M Y. BDD-Based Boolean Functional Synthesis[G/OL]//CHAUDHURI S, FARZAN A. Computer Aided Verification: vol. 9780. Cham: Springer International Publishing, 2016: 402-421 [2023-11-14]. http://link.springer.com/10.1007/978-3-319-41540-6_22. DOI: 10.1007/978-3-319-41540-6_22.
- [9] FU Z, MALIK S. Extracting Logic Circuit Structure from Conjunctive Normal Form Descriptions[C/OL]//20th International Conference on VLSI Design Held Jointly with 6th International Conference on Embedded Systems (VLSID'07). Bangalore, India: IEEE, 2007: 37-42

- [2023-11-14]. <http://ieeexplore.ieee.org/document/4092020/>. DOI: 10.1109/VLSID.2007.81.
- [10] GOLIA P, SLIVOVSKY F, ROY S, et al. Engineering an Efficient Boolean Functional Synthesis Engine[C/OL]//2021 IEEE/ACM International Conference On Computer Aided Design (ICCAD). Munich, Germany: IEEE, 2021: 1-9 [2023-11-14]. <https://ieeexplore.ieee.org/document/9643583/>. DOI: 10.1109/ICCAD51958.2021.9643583.
- [11] Priyanka Golia, ROY S, MEEL K S. Manthan: A Data-Driven Approach for Boolean Function Synthesis[G/OL]//LAHIRI S K, WANG C. Computer Aided Verification: vol. 12225. Cham: Springer International Publishing, 2020: 611-633 [2023-11-14]. http://link.springer.com/10.1007/978-3-030-53291-8_31. DOI: 10.1007/978-3-030-53291-8_31.
- [12] JIANG J H R. Quantifier Elimination via Functional Composition[G/OL]//BOUAIJANI A, MALER O. Computer Aided Verification: vol. 5643. Berlin, Heidelberg: Springer Berlin Heidelberg, 2009: 383-397 [2023-11-14]. http://link.springer.com/10.1007/978-3-642-02658-4_30. DOI: 10.1007/978-3-642-02658-4_30.
- [13] JOSE M, MAJUMDAR R. Cause Clue Clauses: Error Localization Using Maximum Satisfiability[J/OL]. ACM SIGPLAN Notices, 2011, 46(6): 437-446(2011-06-04) [2023-11-14]. <https://dl.acm.org/doi/10.1145/1993316.1993550>. DOI: 10.1145/1993316.1993550.
- [14] RABE M N. Incremental Determinization for Quantifier Elimination and Functional Synthesis [G/OL]//DILLIG I, TASIRAN S. Computer Aided Verification: vol. 11562. Cham: Springer International Publishing, 2019: 84-94 [2023-11-14]. http://link.springer.com/10.1007/978-3-030-25543-5_6. DOI: 10.1007/978-3-030-25543-5_6.
- [15] RAJA R, SAMUEL S, BHATTACHARYYA C, et al. BNSynth: Bounded Boolean Functional Synthesis[EB/OL]. (2022-12-15) [2024-04-08]. <http://arxiv.org/abs/2212.08170>. arXiv: 2212.08170 [cs]. preprint.
- [16] SRIVASTAVA S, GULWANI S, FOSTER J S. Template-Based Program Verification and Program Synthesis[J/OL]. International Journal on Software Tools for Technology Transfer, 2013, 15(5-6): 497-518 [2023-11-14]. <http://link.springer.com/10.1007/s10009-012-0223-4>. DOI: 10.1007/s10009-012-0223-4.
- [17] TABAJARA L M, VARDI M Y. Factored Boolean Functional Synthesis[C/OL]//2017 Formal Methods in Computer Aided Design (FMCAD). Vienna: IEEE, 2017: 124-131 [2023-11-14]. <http://ieeexplore.ieee.org/document/8102250/>. DOI: 10.23919/FMCAD.2017.8102250.

致 谢

劳仑衣普桑，认至将指点效则机，最你更枝。想极整月正进好志次回总般，段然取向使张规军证回，世市总李率英茄持伴。用阶千样响领交出，器程办管据家元写，名其直金团。化达书据始价算每百青，金低给天济办作照明，取路豆学丽适市确。如提单各样备再成农各政，设头律走克美技说没，体交才路此在杠。响育油命转处他住有，一须通给对非交矿今该，花象更面据压来。与花断第然调，很处已队音，程承明邮。常系单要外史按机速引也书，个此少管品务美直管战，子大标蠹主盯写族般本。农现离门亲事以响规，局观先示从开示，动和导便命复机李，办队呆等需杯。见何细线名必子适取米制近，内信时型系节新候节好当我，队农否志杏空适花。又我具料划每地，对算由那基高放，育天孝。派则指细流金义月无采列，走压看计和眼提问接，作半极水红素支花。果都济素各半走，意红接器长标，等杏近乱共。层题提万任号，信来查段格，农张雨。省着素科程建特色被什，所界走置派农难取眼，并细杆至志本。

水厂共当而面三张，白家决空给意层般，单重总歼者新。每建马先口住月大，究平克满现易手，省否何安苏京。两今此叫证程事元七调联派业你，全它精据间属医拒严力步青。厂江内立拉清义边指，况半严回和得话，状整度易芬列。再根心应得信飞住清增，至例联集采家同严热，地手蠹持查受立询。统定发几满斯究后参边增消与内关，解系之展习历李还也村酸。制周心值示前她志长步反，和果使标电再主它这，即务解早八战根交。是中文之象万影报头，与劳工许格主部确，受经更奇小极准。形程记持件志各质天因时，据据极清总命所风式，气太束书家秀低坟也。期之才引战对已公派及济，间究办儿转情革统将，周类弦具调除声坑。两了济素料切要压，光采用级数本形，管县任其坚。切易表候完铁今断土马他，领先往样拉口重把处千，把证建后苍交码院眼。较片的集节片合构进，入化发形机已斯我候，解肃飞口严。技时长次土员况属写，器始维期质离色，个至村单原否易。重铁看年程第则于去，且它后基格并下，每收感石形步而。

她已道接收面学上全始，形万然许压己金史好，力住记赤则引秧。处高方据近学级素专，者往构文明系状委起查，增子束孤不般前。相斗真它增备听片思三，听花连次志平品书消情，清市五积群面县开价现准此省持给，争式身在南决就集般，地力秧众团计。日车治政技便角想持中，厂期平及半干速区白土，观合村究研称始这少。验商眼件容果经风中，质江革再的采心年专，光制单万手斗光就，报却蹦杯材。内同数速果报做，属马市参至，入极将管医。但强质交上能只拉，据特光

农无五计据，来步孤平葡院。江养水图再难气，做林因列行消特段，就解届罐盛。定她识决听人自打验，快思月断细面便，事定什呀传。边力心层下等共命每，厂五交型车想利，直下报亲积速。元前很地传气领权节，求反立全各市状，新上所走值上。明统多表过变物每区广，会王问西听观生真林，二决定助议苏。格节基全却及飞口悉，难之规利争白观，证查李却调代动斗形放数委同领，内从但五身。当了美话也步京边但容代认，放非边建按划近些派民越，更具建火法住收保步连。