

Roland®

VS-880EX DIGITAL STUDIO WORKSTATION

APPENDICES



Before using this unit, carefully read the sections entitled: "IMPORTANT SAFETY INSTRUCTIONS" (p. 2), "USING THE UNIT SAFELY" (p. 3, 4), and "IMPORTANT NOTES" (p. 5). These sections provide important information concerning the proper operation of the unit. Additionally, in order to feel assured that you have gained a good grasp of every feature provided by your new unit, *Check Out Your Owner's Manual*, and Appendices should be read in its entirety. The manual should be saved and kept on hand as a convenient reference.

Copyright © 1998 ROLAND CORPORATION

All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying, recording, or by any information storage and retrieval system, without the written permission of ROLAND CORPORATION.

Roland's Website: <http://www.rolandcorp.com/>

Roland Vs 880ex User Manual

Padhraic Smyth



Roland Vs 880ex User Manual:

Thank you completely much for downloading **Roland Vs 880ex User Manual**. Maybe you have knowledge that, people have see numerous times for their favorite books subsequently this Roland Vs 880ex User Manual, but end happening in harmful downloads.

Rather than enjoying a good PDF subsequent to a mug of coffee in the afternoon, on the other hand they juggled later some harmful virus inside their computer. **Roland Vs 880ex User Manual** is friendly in our digital library an online entry to it is set as public for that reason you can download it instantly. Our digital library saves in compound countries, allowing you to acquire the most less latency period to download any of our books taking into account this one. Merely said, the Roland Vs 880ex User Manual is universally compatible in the same way as any devices to read.

https://crm.avenza.com/results/uploaded-files/Documents/Polaris_Atv_Trail_Boss_1997_Repair_Service_Manual.pdf

Table of Contents Roland Vs 880ex User Manual

1. Understanding the eBook Roland Vs 880ex User Manual
 - The Rise of Digital Reading Roland Vs 880ex User Manual
 - Advantages of eBooks Over Traditional Books
2. Identifying Roland Vs 880ex User Manual
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an Roland Vs 880ex User Manual
 - User-Friendly Interface
4. Exploring eBook Recommendations from Roland Vs 880ex User Manual
 - Personalized Recommendations
 - Roland Vs 880ex User Manual User Reviews and Ratings

- Roland Vs 880ex User Manual and Bestseller Lists
- 5. Accessing Roland Vs 880ex User Manual Free and Paid eBooks
 - Roland Vs 880ex User Manual Public Domain eBooks
 - Roland Vs 880ex User Manual eBook Subscription Services
 - Roland Vs 880ex User Manual Budget-Friendly Options
- 6. Navigating Roland Vs 880ex User Manual eBook Formats
 - ePub, PDF, MOBI, and More
 - Roland Vs 880ex User Manual Compatibility with Devices
 - Roland Vs 880ex User Manual Enhanced eBook Features
- 7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Roland Vs 880ex User Manual
 - Highlighting and Note-Taking Roland Vs 880ex User Manual
 - Interactive Elements Roland Vs 880ex User Manual
- 8. Staying Engaged with Roland Vs 880ex User Manual
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Roland Vs 880ex User Manual
- 9. Balancing eBooks and Physical Books Roland Vs 880ex User Manual
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Roland Vs 880ex User Manual
- 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
- 11. Cultivating a Reading Routine Roland Vs 880ex User Manual
 - Setting Reading Goals Roland Vs 880ex User Manual
 - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Roland Vs 880ex User Manual
 - Fact-Checking eBook Content of Roland Vs 880ex User Manual
 - Distinguishing Credible Sources

13. Promoting Lifelong Learning
 - Utilizing eBooks for Skill Development
 - Exploring Educational eBooks
14. Embracing eBook Trends
 - Integration of Multimedia Elements
 - Interactive and Gamified eBooks

Roland Vs 880ex User Manual Introduction

Roland Vs 880ex User Manual Offers over 60,000 free eBooks, including many classics that are in the public domain. Open Library: Provides access to over 1 million free eBooks, including classic literature and contemporary works. Roland Vs 880ex User Manual Offers a vast collection of books, some of which are available for free as PDF downloads, particularly older books in the public domain. Roland Vs 880ex User Manual : This website hosts a vast collection of scientific articles, books, and textbooks. While it operates in a legal gray area due to copyright issues, its a popular resource for finding various publications. Internet Archive for Roland Vs 880ex User Manual : Has an extensive collection of digital content, including books, articles, videos, and more. It has a massive library of free downloadable books. Free-eBooks Roland Vs 880ex User Manual Offers a diverse range of free eBooks across various genres. Roland Vs 880ex User Manual Focuses mainly on educational books, textbooks, and business books. It offers free PDF downloads for educational purposes. Roland Vs 880ex User Manual Provides a large selection of free eBooks in different genres, which are available for download in various formats, including PDF. Finding specific Roland Vs 880ex User Manual, especially related to Roland Vs 880ex User Manual, might be challenging as theyre often artistic creations rather than practical blueprints. However, you can explore the following steps to search for or create your own Online Searches: Look for websites, forums, or blogs dedicated to Roland Vs 880ex User Manual, Sometimes enthusiasts share their designs or concepts in PDF format. Books and Magazines Some Roland Vs 880ex User Manual books or magazines might include. Look for these in online stores or libraries. Remember that while Roland Vs 880ex User Manual, sharing copyrighted material without permission is not legal. Always ensure youre either creating your own or obtaining them from legitimate sources that allow sharing and downloading. Library Check if your local library offers eBook lending services. Many libraries have digital catalogs where you can borrow Roland Vs 880ex User Manual eBooks for free, including popular titles. Online Retailers: Websites like Amazon, Google Books, or Apple Books often sell eBooks. Sometimes, authors or publishers offer promotions or free periods for certain books. Authors Website Occasionally, authors provide excerpts or short stories for free on their websites. While this might not be the Roland Vs 880ex User Manual full book , it can give you a taste of the authors writing style. Subscription Services Platforms like Kindle

Unlimited or Scribd offer subscription-based access to a wide range of Roland Vs 880ex User Manual eBooks, including some popular titles.

FAQs About Roland Vs 880ex User Manual Books

1. Where can I buy Roland Vs 880ex User Manual books? Bookstores: Physical bookstores like Barnes & Noble, Waterstones, and independent local stores. Online Retailers: Amazon, Book Depository, and various online bookstores offer a wide range of books in physical and digital formats.
2. What are the different book formats available? Hardcover: Sturdy and durable, usually more expensive. Paperback: Cheaper, lighter, and more portable than hardcovers. E-books: Digital books available for e-readers like Kindle or software like Apple Books, Kindle, and Google Play Books.
3. How do I choose a Roland Vs 880ex User Manual book to read? Genres: Consider the genre you enjoy (fiction, non-fiction, mystery, sci-fi, etc.). Recommendations: Ask friends, join book clubs, or explore online reviews and recommendations. Author: If you like a particular author, you might enjoy more of their work.
4. How do I take care of Roland Vs 880ex User Manual books? Storage: Keep them away from direct sunlight and in a dry environment. Handling: Avoid folding pages, use bookmarks, and handle them with clean hands. Cleaning: Gently dust the covers and pages occasionally.
5. Can I borrow books without buying them? Public Libraries: Local libraries offer a wide range of books for borrowing. Book Swaps: Community book exchanges or online platforms where people exchange books.
6. How can I track my reading progress or manage my book collection? Book Tracking Apps: Goodreads, LibraryThing, and Book Catalogue are popular apps for tracking your reading progress and managing book collections. Spreadsheets: You can create your own spreadsheet to track books read, ratings, and other details.
7. What are Roland Vs 880ex User Manual audiobooks, and where can I find them? Audiobooks: Audio recordings of books, perfect for listening while commuting or multitasking. Platforms: Audible, LibriVox, and Google Play Books offer a wide selection of audiobooks.
8. How do I support authors or the book industry? Buy Books: Purchase books from authors or independent bookstores. Reviews: Leave reviews on platforms like Goodreads or Amazon. Promotion: Share your favorite books on social media or recommend them to friends.
9. Are there book clubs or reading communities I can join? Local Clubs: Check for local book clubs in libraries or

- community centers. Online Communities: Platforms like Goodreads have virtual book clubs and discussion groups.
10. Can I read Roland Vs 880ex User Manual books for free? Public Domain Books: Many classic books are available for free as they're in the public domain. Free E-books: Some websites offer free e-books legally, like Project Gutenberg or Open Library.

Find Roland Vs 880ex User Manual :

[polaris atv trail boss 1997 repair service manual](#)

[pogil dna structure and replication](#)

[pogil cellular respiration s answers](#)

polaris 600 rmk snowmobile service manual

[poison ivy rat guide](#)

[polar star by martin cruz smith random house august 6 1989](#)

[polar loop manual de usuario](#)

[poems for expectant fathers](#)

points on a phase diagram

[polar rs 8user manual](#)

~~polaris atv scrambler 4x4 1996-1998 factory service repair manual~~

~~polaris atv 500 sportsman manual~~

pokemon black manual nintendo official site

poetry through the quot word quot

polaris 300 4x4 sportsman manual

Roland Vs 880ex User Manual :

skat meterman southern company yumpu - Aug 16 2023

web jul 17 2014 skills knowledge and abilities test strong skat strong strong meterman strong br information sheet and sample questions br the following job classifications require strong skat strong strong meterman strong br strong meterman strong br

what is the general ability test and how can you prepare for it - Feb 10 2023

web nov 8 2021 by definition the general ability test is a test of one s underlying mental capabilities yet it is possible to

prepare for it by getting familiar with the structure and administration of the test some question types are common to these sort of tests requiring particular skills that are trainable for example pattern finding is a major

skills testing and assessment results singapore hr tech - Feb 27 2022

web great people inside categories recruitment and talent acquisition skills testing and assessment the great people inside concept is developed by an international consortium of assessment and recruitment experts with over 15 years of collective experience

skills knowledge and abilities test skat meterman cari griffin - Jul 03 2022

web skills knowledge and abilities test skat meterman yeah reviewing a ebook skills knowledge and abilities test skat meterman could increase your near associates listings this is just one of the solutions for you to be successful as understood skill does not suggest that you have fantastic points

skills knowledge and abilities test skat meterman 2022 - Oct 06 2022

web contents knowledge tests of manual task procedures an overview of the skills qualification test development workshop a paired comparison approach for estimating task criticality and reliability in measuring unit performance

downloadable free pdfs skills knowledge and abilities test skat meterman - Mar 11 2023

web this astounding knowledge skills and abilities self assessment will make you the dependable knowledge skills and abilities domain leader by revealing just what you need to know to be fluent and ready for any knowledge

download solutions skills knowledge and abilities test skat meterman - Jan 09 2023

web honing your knowledge skills apr 13 2023 harnessing knowledge and using it as a competitive advantage is a key priority of organizations today this book looks at how to define knowledge working and identifies the practical skills of knowledge management needed by line managers real ksas knowledge skills abilities for government

skills knowledge and abilities test skat meterman pdf ftp - Aug 04 2022

web skills knowledge and abilities test skat meterman measuring student knowledge and skills learning and memory of knowledge and skills human resource selection school testing beyond standardized testing handbook of employee selection teacher s skills tests for dummies teaching test taking skills conceptual frameworks for giftedness

skills knowledge and abilities test skat meterman - Mar 31 2022

web skills knowledge and abilities test skat meterman downloaded from neurocme med ucla edu by guest danika santos diagnostic monitoring of skill and knowledge acquisition routledge

prepare for southern company s skat meterman test jobtestprep - Sep 17 2023

web the purpose of the skat meterman test is to measure your knowledge in basic electricity direct current alternating current wiring diagrams transformer troubleshooting and metering the test contains questions that emphasize the

understanding of the subjects along with the ability to apply the knowledge

skills knowledge and abilities test skat meterman 2023 - Jun 02 2022

web skills knowledge and abilities test skat meterman skills knowledge and abilities test skat meterman 2 downloaded from smcapproved com on 2022 05 22 by guest gone and the woman in her place is ready for a fight a love song for rebels is book 2 in the angsty new adult academy inspired rivals trilogy and must be read following a love

skills knowledge and abilities test skat meterman pdf - Nov 07 2022

web 2 skills knowledge and abilities test skat meterman 2022 04 08 skills knowledge and abilities test skat meterman downloaded from protese odontocompany com by guest eden coleman resources in education routledge useful to researchers as well as practitioners looking for guidance on designing automated instruction systems this book

home singapore ability scales singapore achievement test - Jun 14 2023

web singapore ability scales sas the singapore ability scales sas is an individually administered comprehensive instrument designed to measure clearly identifiable abilities that are significant for learning and educational development learn more *metering technician powering careers* - Apr 12 2023

web nov 12 2023 pass pre employment testing including a physical abilities assessment and skat meterman skills knowledge and abilities test preferred two year technical school degree two year electronics electrical telecommunications degree or a combination of related work experience military training salary estimate apprentice metering

skills knowledge and abilities test skat meterman 2023 dna - Dec 08 2022

web oct 29 2023 skills knowledge and abilities test skat meterman 1 omb no 1617030792255 skills knowledge and abilities test skat meterman testing of minority group applicants for employment becoming a professional counselor z sat zombie survival aptitude test the wiley blackwell handbook of the psychology of recruitment

skat meter test study guide southern company - Oct 18 2023

web the skat meter test includes three sections electrical knowledge basic electrical theory and measurement including symbols and formulas direct current series and parallel wiring diagrams one line diagrams transformers troubleshooting alternating current metering formulas and electrical concepts including power in ac circuits

skills knowledge and abilities test skat meterman pdf - Sep 05 2022

web jun 6 2023 skills knowledge and abilities test skat meterman 1 6 downloaded from uniport edu ng on june 6 2023 by guest skills knowledge and abilities test skat meterman when people should go to the ebook stores search instigation by shop shelf by shelf it is in fact problematic this is why we present the ebook compilations in this website

skills knowledge and abilities test skat meterman download - May 01 2022

web skills knowledge and abilities test skat meterman downloaded from vps huratips com by guest alexis mariana psychology

class 12 bihar jharkhand board cengage learning gifted students with disabilities also referred to as twice exceptional children need the strategies in

general ability test singapore - May 13 2023

web the gat is an abilities test and it tells whether a student has strong underlying mental capabilities this is in contrast to achievement tests which are subject based and that assess a student's learned skills and knowledge abilities tests and achievement tests complement each other

downloadable free pdfs skills knowledge and abilities test skat meterman - Jul 15 2023

web skills knowledge and abilities test skat meterman cogat practice test for the cognitive abilities test form 7 level 9 mar 30 2021 this workbook contains test 1 of the cogat r for grade 3 over 170 verbal non verbal and quantitative questions to practice with your child all children are gifted and talented not all kids fit into the standards

stretching the blues master guitar academy - Aug 03 2022

web description this is a mini course i created for the truefire next top guitar instructor competition in 2013 i guess it worked because i won what you will learn here is a 12 bar solo using a few powerful concept to create some interesting lines

stretching the blues lesson 5 12 bar blues solo youtube - Aug 15 2023

web this is the 5th and final lesson in this stretching the blues series of 5 lessons i submitted to truefire for their next top guitar instructor contest in this lesson we are taking the

stretchin the blues book cd guitar educational - Dec 07 2022

web jan 24 2014 guitar educational master guitarist duke robillard gives you 30 ways to improve and expand your blues soloing and comping in this easy to use book cd set designed for aspiring and experienced blues players alike these lessons present unique concepts merging elements of jazz with blues to take your playing to new heights

stretchin the blues f presto music - Feb 26 2022

web sheet music for stretchin the blues f buy online guitar published by de haske publications artist robillard duke

stretchin the blues song and lyrics by terry gibbs spotify - Mar 30 2022

web listen to stretchin the blues on spotify terry gibbs song 2000 terry gibbs song 2000 listen to stretchin the blues on spotify terry gibbs song 2000 sign up log in home search your library create your first playlist it's easy we'll help

stretchin the blues robillard duke 9781423467717 - May 12 2023

web jan 1 2014 guitar educational master guitarist duke robillard gives you 30 ways to improve and expand your blues soloing and comping in this easy to use book cd set designed for aspiring and experienced blues players alike these lessons present unique concepts merging elements of jazz with blues to take your playing to new heights

stretching the blues lesson 4 the major 2nd youtube - Jun 13 2023

web stretching the blues robert renman s master guitar academy 5 videos 5 340 views last updated on nov 18 2017 blues lead guitar mini course i created for truefire play all

web robert renman s master guitar academy bb king teaches how to solo over a blues progression animated fretboard guitar lesson fretlive pow music unravel the mystery of major and minor pentatonic

web line music line

web in stretchin the blues master guitarist duke robillard gives you 30 ways to improve and expand your blues soloing and comping stretchin the blues is designed for aspiring and experienced blues players alike these lessons present unique concepts mer

web stretchin the blues series guitar educational format softcover with cd tab author duke robillard master guitarist duke robillard gives you 30 ways to improve and expand your blues soloing and comping in this easy to use book cd set

web dec 15 2012 stretchin the blues book read reviews from world s largest community for readers guitar educational master guitarist duke robillard gives you 30 wa

web duke robillard stretchin the blues pdf master guitarist duke robillard gives you 30 ways to improve and expand your blues soloing and comping in this easy to use book cd set designed for aspiring and experienced blues players alike these lessons present unique concepts merging elements of jazz with blues to take your playing to new heights

web 24 64 en stretchin the blues maître guitariste duke robillard vous donne 30 façons d améliorer et d élargir votre blues en solo et de prévisualisation stretchin the blues est conçu pour aspirer et de blues joueurs expérimentés de même ces leçons présents concepts uniques fusionnant des éléments de jazz avec le blues de prendre votre jeu

stretchin the blues song and lyrics by terry gibbs spotify - Jul 02 2022

web terry gibbs song 2010

stretchin the blues by duke robillard overdrive - Feb 09 2023

web jan 1 2014 guitar educational master guitarist duke robillard gives you 30 ways to improve and expand your blues soloing and comping in this easy to use book with audio designed for aspiring and experienced blues players alike these lessons present uniq

stretchin the blues on apple books - Jan 08 2023

web stretchin the blues duke robillard 15 99 15 99 publisher description master guitarist duke robillard gives you 30 ways to improve and expand your blues soloing and comping in this easy to use book with audio designed for aspiring and experienced blues players alike these lessons present unique concepts merging elements of jazz with

stretchin the blues sheet music plus - Nov 06 2022

web master guitarist duke robillard gives you 30 ways to improve and expand your blues soloing and comping in this easy to use book cd set designed for aspiring and

streching the blues youtube - Jan 28 2022

web peter golding and band play at the launch of his 1997 album stretching the blues

texas wants the power to arrest and order migrants to leave the - May 26 2021

james madison drops legal battle against ncaa for bowl game - Oct 31 2021

web 1 day ago oscar winning actor jamie foxx faces sexual assault and battery charges in a lawsuit dated monday the alleged incident occurred in a new york city restaurant in

keith hackett referee seemed to forget the law in awarding - Sep 29 2021

web nov 15 2023 in a new challenge to the federal government s authority over immigration texas lawmakers on tuesday night gave final approval to a bill that would allow police to

sport and the law laws20011 the university of melbourne - Oct 23 2023

web nov 22 2023 in sum the subject is designed to cover fundamental and topical areas of sports law sports law in general sports bodies and the courts arbitration in sport

in defense of sports the difference between - Apr 05 2022

web 20 nov 2023 01 01pm singapore 18 year old wushu athlete zeanne law secured gold at the 16th world wushu championships held in texas on saturday nov 18 cementing

rugby union players legal action over head injuries to be heard in - Feb 03 2022

web nov 20 2023 referee seemed to forget the law in awarding north macedonia penalty against england by telegraph sport

22 nov 2023 6 57am wales euro 2024 hopes

sports and the law columbia law school - Jun 19 2023

web the interdependent coach athlete relationship represents the most fundamental instance of a duty of care in sport this book defines analyses and clarifies the duty of care

sports law articles by areas of law lawinsport - Jun 07 2022

web nov 19 2023 dozens of england and wales rugby union internationals are among more than 200 players taking the game s governing authorities to the high court next month

sports law review rajah tann - Sep 22 2023

web sports and labour law antitrust law and taxation in their own countries the section devoted to specific sports issues will discuss certain acts that may qualify not only as breaches of

the international sports law journal home springer - Feb 15 2023

web the covid 19 global pandemic posed a particularly acute problem for sport although there was massive sectoral disruption in areas like higher education music and tourism sport

sport and the law grayson edward free download borrow - Sep 10 2022

web jan 1 2012 global sports law encompasses the rules that have been set by central sports institutions such as the ioc the international sports federations and wada and

doping sport and the law time for repeal of prohibition - Aug 09 2022

web jun 13 2014 while pro sports and nonprofessional sports both have their share of labor law i p negligence and contract issues amateur sports presents markedly different

sport law and ethics the oxford handbook of sport and - Nov 12 2022

web the debate those engaged in the debate concerning whether sports law consti tutes a substantive area of law tend to adopt one of three positions 1 no separately identifiable

sport and the law laws20011 the university of melbourne - Apr 24 2021

sport and the law edward grayson google books - Jan 14 2023

web this edition provides an authoritative and comprehensive survey of this growing area of law and the increasing number of legal issues arising from sport it has been completely

coaching sport and the law a duty of care neil partington - Apr 17 2023

web jun 8 2012 the article identifies different aspects of sports law and the various levels and locations within which it operates and identifies the leading academic and practitioner

what is sports law a reassessment of content and - May 06 2022

web nov 19 2023 vincent ng was singapore s first wushu world champion when he won the men s daoshu event in 1995 he was followed by women s duilian trio emily sin tay yu

jamie foxx accused of sexual assault in new lawsuit cnn - Jun 26 2021

states where sports betting is legal forbes betting - Aug 29 2021

web nov 10 2023 this subject provides an account of how the law influences sport although the subject focuses on legal principles it will bear in mind sport s historical cultural

law4340 sport and the law 2019 handbook monash - Aug 21 2023

web jun 16 2022 this unit explores the intersection of sport and law and in so doing 1 equips students to apply the body of knowledge known as sports law and 2 consolidates

south african blade runner pistorius granted parole a decade - Jul 28 2021

web dec 1 1999 sport and the law edward grayson jimmy hill bloomsbury academic dec 1 1999 law 686 pages the third edition of this classic text brings the reader fully up

coaching sport and the law a duty of care routledge - May 18 2023

web jan 1 1999 sport and the law edward grayson butterworths 2000 doping in sports 631 pages the third edition of this text brings the reader fully up to date with the

singapore teen zeanne law wins world wushu championship - Dec 01 2021

web 3 hours ago south african former paralympic star oscar pistorius jailed in 2014 for killing his girlfriend reeva steenkamp was granted parole effective from jan 5

singapore s teenage taijiquan exponent zeanne law becomes - Jan 02 2022

web nov 20 2023 sports betting is legal in the united states on a state by state basis there is a patchwork of laws and regulations the industry has grown thanks to a 2018 u s

bbc radio 4 law in action sport and the law - Mar 16 2023

web sep 21 2022 abstract this chapter demonstrates how sport law and ethics provide examples of the constant struggle between right and wrong throughout history sport

sports law its history and growth and the development of key - Dec 13 2022

web jul 30 2013 this article concerns the legal issues that surround the prohibition of doping in sport the current policy on the use of performance enhancing drugs peds in sport is

sport and the law edward grayson jimmy hill google books - Mar 24 2021

pdf sport and the law sally kift academia edu - Oct 11 2022

web sep 26 2023 lawinsport s sports law articles by category anti doping anti corruption commercial competition contract corporate editors choice eu employment gambli

home lawinsport - Jul 20 2023

web sports and the law will examine how the law applies to the unique relationships in the sports industry and the way in which the substantive law of corporations and

sport and the law a level pe aqa sport and society tes - Mar 04 2022

web 1 day ago james madison will no longer pursue legal action against the ncaa in its pursuit of bowl eligibility this season the school said late tuesday the decision comes

what is sports law marquette university - Jul 08 2022

web apr 19 2018 sport and society sport and the law for a level pe aqa new 2016 specification this teaching resource covers the key areas of the new specification in