



Free Download at www.it-ebooks.info

Gnucash 2.4 Small Business Accounting

Managing your small business with this sleek, easy-to-use, and powerful accounting application

Beginner's Guide

Ashok Karmacharya | www.it-ebooks.info

Gnucash 24 Small Business Accounting Beginners Guide

Albert A Gayle



Gnucash 24 Small Business Accounting Beginners Guide:

Discover tales of courage and bravery in Crafted by is empowering ebook, **Gnucash 24 Small Business Accounting Beginners Guide** . In a downloadable PDF format (Download in PDF: *), this collection inspires and motivates. Download now to witness the indomitable spirit of those who dared to be brave.

http://www.armchairempire.com/results/Resources/fetch.php/interpersonal_communication_everyday_encounters_7th_edition.pdf

Table of Contents Gnucash 24 Small Business Accounting Beginners Guide

1. Understanding the eBook Gnucash 24 Small Business Accounting Beginners Guide
 - The Rise of Digital Reading Gnucash 24 Small Business Accounting Beginners Guide
 - Advantages of eBooks Over Traditional Books
2. Identifying Gnucash 24 Small Business Accounting Beginners Guide
 - 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 Gnucash 24 Small Business Accounting Beginners Guide
 - User-Friendly Interface
4. Exploring eBook Recommendations from Gnucash 24 Small Business Accounting Beginners Guide
 - Personalized Recommendations
 - Gnucash 24 Small Business Accounting Beginners Guide User Reviews and Ratings
 - Gnucash 24 Small Business Accounting Beginners Guide and Bestseller Lists
5. Accessing Gnucash 24 Small Business Accounting Beginners Guide Free and Paid eBooks
 - Gnucash 24 Small Business Accounting Beginners Guide Public Domain eBooks
 - Gnucash 24 Small Business Accounting Beginners Guide eBook Subscription Services
 - Gnucash 24 Small Business Accounting Beginners Guide Budget-Friendly Options

6. Navigating Gnucash 24 Small Business Accounting Beginners Guide eBook Formats
 - ePub, PDF, MOBI, and More
 - Gnucash 24 Small Business Accounting Beginners Guide Compatibility with Devices
 - Gnucash 24 Small Business Accounting Beginners Guide Enhanced eBook Features
7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Gnucash 24 Small Business Accounting Beginners Guide
 - Highlighting and Note-Taking Gnucash 24 Small Business Accounting Beginners Guide
 - Interactive Elements Gnucash 24 Small Business Accounting Beginners Guide
8. Staying Engaged with Gnucash 24 Small Business Accounting Beginners Guide
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Gnucash 24 Small Business Accounting Beginners Guide
9. Balancing eBooks and Physical Books Gnucash 24 Small Business Accounting Beginners Guide
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Gnucash 24 Small Business Accounting Beginners Guide
10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
11. Cultivating a Reading Routine Gnucash 24 Small Business Accounting Beginners Guide
 - Setting Reading Goals Gnucash 24 Small Business Accounting Beginners Guide
 - Carving Out Dedicated Reading Time
12. Sourcing Reliable Information of Gnucash 24 Small Business Accounting Beginners Guide
 - Fact-Checking eBook Content of Gnucash 24 Small Business Accounting Beginners Guide
 - 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

Gnucash 24 Small Business Accounting Beginners Guide Introduction

Gnucash 24 Small Business Accounting Beginners Guide 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. Gnucash 24 Small Business Accounting Beginners Guide Offers a vast collection of books, some of which are available for free as PDF downloads, particularly older books in the public domain. Gnucash 24 Small Business Accounting Beginners Guide : 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 Gnucash 24 Small Business Accounting Beginners Guide : Has an extensive collection of digital content, including books, articles, videos, and more. It has a massive library of free downloadable books. Free-eBooks Gnucash 24 Small Business Accounting Beginners Guide Offers a diverse range of free eBooks across various genres. Gnucash 24 Small Business Accounting Beginners Guide Focuses mainly on educational books, textbooks, and business books. It offers free PDF downloads for educational purposes. Gnucash 24 Small Business Accounting Beginners Guide Provides a large selection of free eBooks in different genres, which are available for download in various formats, including PDF. Finding specific Gnucash 24 Small Business Accounting Beginners Guide, especially related to Gnucash 24 Small Business Accounting Beginners Guide, 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 Gnucash 24 Small Business Accounting Beginners Guide, Sometimes enthusiasts share their designs or concepts in PDF format. Books and Magazines Some Gnucash 24 Small Business Accounting Beginners Guide books or magazines might include. Look for these in online stores or libraries. Remember that while Gnucash 24 Small Business Accounting Beginners Guide, 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 Gnucash 24 Small Business Accounting Beginners Guide 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 Gnucash 24 Small Business Accounting Beginners Guide 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 Gnucash 24 Small Business Accounting Beginners Guide eBooks, including some popular titles.

FAQs About Gnucash 24 Small Business Accounting Beginners Guide Books

1. Where can I buy Gnucash 24 Small Business Accounting Beginners Guide 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 Gnucash 24 Small Business Accounting Beginners Guide 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 Gnucash 24 Small Business Accounting Beginners Guide 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 Gnucash 24 Small Business Accounting Beginners Guide 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 Gnucash 24 Small Business Accounting Beginners Guide 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 Gnucash 24 Small Business Accounting Beginners Guide :

~~interpersonal communication everyday encounters 7th edition~~

interpretation of airphotos and remotely sensed imagery

intro stats plus student solutions manual 4th edition

international law book by sk kapoor

interstellar service and discipline fallen star

~~international financial management study guide~~

interpretive contexts for traditional and current coast tsimshian feasts

internet gurus little black book of secrets building digital real estate

international harvester farmall ih 1026 tractor repair shop maintenance manual

internet lab manual

internationale weihnachtslieder f blerklassen tenorsaxofon

international business 5th edition solutions manual

international financial reporting standards desk reference overview guide and dictionarychinese edition

international dt570 engine repair manual

international relations theory 5th edition

Gnucash 24 Small Business Accounting Beginners Guide :

warhammer game wikipedia - Dec 27 2021

web feb 11 2021 4 21pm feb 11 2021 5 46pm 2 change notes view created by aranfan online see the collection may be hidden

subscribe to download warhammer

printable spellcards r warhammerfantasy reddit - Jul 14 2023

web jun 19 2020 printable spellcards hello fellow fantasy fans i know how hard and a bit pricey it is to find spell cards this is why i have started making my own and share with

warhammer quest spell cards pdf magician fantasy - Jan 28 2022

web february 2022 warhammer is set in a fictional universe notable for its dark and gritty background world which features influences from michael moorcock s elric stories and

frostgrave spell cards frostgrave element games - Oct 25 2021

web battle magic spells these spells are the ones used by non specialist wizards and are also available for use by alchemists

and some clerics they cover a wide range of defensive
[spells warhammer fantasy 8th edition](#) - Apr 11 2023

web the shaman that casts the spell has 3 attacks 3 strength and a 6 ward save as long as the spell remains in play spells of
da big waaagh if a spell of da big waaagh

[wfrp 4e sullasara s spells pdf new magic spells reddit](#) - Feb 26 2022

web warhammer quest spell cards read online for free all the spells from the roleplay book as printable cards

steam workshop warhammer fantasy 8th edition spell cards - Nov 25 2021

web frostgrave spell cards frostgrave fantasy miniatures games wargaming web store with low prices speedy delivery and
excellent customer service specialising in

[warhammer fantasy online rules index project](#) - Sep 04 2022

web this spell can affect a single infantry unit within 24 and line of sight of the caster if successfully cast the spell turns 4d6
of the targeted unit s models into clanrats if the

printable cards the dreaded thirteenth spell warhammer - Aug 03 2022

web official magic card gaming aids for whfb 6e these warhammer magic cards have been created to use as gaming aids so
that you don t need to keep notes or keep referring to

warhammer fantasy spell cards for sale ebay - Oct 05 2022

web welcome to the warhammer fantasy online rules index project the goal of this project is to make it easy to quickly look
up rules and references for almost any edition of

[printable cards skaven spells of ruin warhammer fantasy](#) - Dec 07 2022

web in addition if a direct damage or magic missile spell from the lore of fire is cast at a unit that has already been hit by a
direct damage or magic missile spell from the lore of fire

list of spells warhammer the old world lexicanum - Apr 30 2022

web 1 cascading fire cloak 5 augment target unit all target units currently in range is 1 to be hit with shooting each enemy
unit in base contact with the caster or his unit at the end

battle magic cards cataclysm and cantrip spell cards - Feb 09 2023

web the casting player can decide to end the spell or pass it to another target within 12 of a unit affected by the spell during
his magic phase the unit selected suffers as above units

[warhammer battle magic warhammer the old world](#) - Jun 01 2022

web dec 15 2019 list sources 1 warhammer fantasy roleplay 2th edition arcane lores pg 149 151 2 warhammer armies the
empire 4th edition ice magic spells pg 75

[printable cards spells of da big waaagh warhammer fantasy](#) - Mar 10 2023

web description in warhammer storm of magic battles there are plenty more spells for you to cast with your wizards so many in fact that we've created a set of cards to help you

whfb 6e magic cards tabletop campaign repository - Jul 02 2022

web feb 25 2023 135 spell cards including 10 for light magic 10 for gold magic 10 for jade magic 10 for celestial magic 10 for grey magic 10 for amethyst magic 10 for bright

[printable cards skaven spells of plague warhammer fantasy](#) - Jan 08 2023

web if the number of hits rolled is 1 then the caster suffers a strength 5 hit instead of the target skaven spells of ruin 3 howling warpgale casts on 7 this spell lasts until the start

[printable cards the lore of fire warhammer fantasy 8th edition](#) - Nov 06 2022

web find great deals on ebay for warhammer fantasy spell cards shop with confidence

warhammer fifth edition magic board game boardgamegeek - May 12 2023

web mar 13 2022 each wizard knows a number of spells equal to his level chosen randomly at the start of each battle in the magic phase your wizards unleash their magical power

printable cards warhammer fantasy 8th edition - Aug 15 2023

web spell cards the dreaded thirteenth spell the lore of beasts the lore of dark magic dark elves the lore of dark magic wood elves the lore of death the lore of fire

[warhammer 8th ed magic playsheet pdf dice armour scribd](#) - Mar 30 2022

web 25 comments add a comment deleted 2 yr ago pdf only blurb sullasara's spells of unrivalled utility when teclis decided to instruct the humans of the empire in

[spells warhammer fantasy roleplay first edition wiki](#) - Sep 23 2021

battle magic warhammer wiki fandom - Jun 13 2023

web contents warhammer magic rulebook magic item cards 81 magic weapon items 42 enchanted magic items 18 magic armour items 36 wizard arcana items 6 magic ward

[50 heirloom buttons to make paperback 1 april 1996 amazon de](#) - Jan 30 2023

web apr 1 1996 featured in this beautifully photographed book are dozens of buttons many inspired by vintage and antique designs you'll find techniques for delicate needle lace buttons elegant frog closures victorian crocheted buttons braid buttons and fabric and ribbon buttons

[50 heirloom buttons to make nancy nehring marcus tullis](#) - Sep 06 2023

web jan 1 1996 50 heirloom buttons to make nancy nehrling marcus tullis on amazon com free shipping on qualifying offers
50 heirloom buttons to make 50 heirloom buttons to make nancy nehrling marcus

50 heirloom buttons to make by nancy nehrling pdf scribd - Jul 24 2022

web 50 heirloom buttons to make by nancy nehrling free download as pdf file pdf or read online for free a gallery of decorative fabric needle lace crochet ribbon and braid closures you can create

50 heirloom buttons to make by nancy nehrling open library - Mar 20 2022

web sep 17 2021 50 heirloom buttons to make by nancy nehrling 1996 taunton press edition in english

amazon com customer reviews 50 heirloom buttons to make - Sep 25 2022

web find helpful customer reviews and review ratings for 50 heirloom buttons to make at amazon com read honest and unbiased product reviews from our users

50 heirloom buttons to make nancy nehrling 9781561581467 - Aug 25 2022

web nancy nehrling create from this gallery of decorative fabric needle lace crochet ribbon and braid closures this extensive collection of beautiful buttons and closures can easily be made without special equipment includes delicate needle lace buttons elegant frog closures victorian crocheted buttons braid fabric ribbon buttons and more

patterns 50 heirloom buttons to make ravelry - Feb 28 2023

web create an account advanced search patterns projects designers sources yarns stashes yarn shops brands fiber people groups forum posts topics events patterns 50 heirloom buttons to make 50 heirloom buttons to make by nancy nehrling source viewing as a guest user what am i missing overview patterns 4 projects for sale or

50 heirloom buttons to make alibris - May 22 2022

web this extensive collection of beautiful buttons and closures can easily be made by any craftsperson regardless of skill level or experience without special equipment detailed drawings and beautiful full color photos will help them to learn techniques for making the perfect button for any garment in any wardrobe

50 heirloom buttons to make by nancy nehrling goodreads - May 02 2023

web jan 1 1996 this extensive collection of beautiful buttons and closures can easily be made without special equipment includes delicate needle lace buttons elegant frog closures victorian crocheted buttons braid fabric ribbon buttons and more genres craftssewingnonfiction 128 pages paperback

50 heirloom buttons to make nancy nehrling free download - Jul 04 2023

web 50 heirloom buttons to make by nancy nehrling publication date 1996 topics buttons button craft publisher taunton press collection inlibrary printdisabled internetarchivebooks contributor internet archive language english access restricted item true addeddate 2014 03 12 16 14 55 467905 bookplateleaf 0004 boxid ia1146909 city

50 heirloom buttons to make paperback jan 1 1996 amazon ca - Oct 27 2022

web 50 heirloom buttons to make paperback jan 1 1996 create from this gallery of decorative fabric needle lace crochet ribbon and braid closures this extensive collection of beautiful buttons and closures can easily be made without special equipment

50 heirloom buttons to make kindle edition amazon co uk - Apr 01 2023

web 50 heirloom buttons to make kindle edition create from this gallery of decorative fabric needle lace crochet ribbon and braid closures this extensive collection of beautiful buttons and closures can easily be made without special equipment includes delicate needle lace buttons elegant frog closures victorian crocheted buttons braid

50 heirloom buttons to make a gallery of decorative fabric - Nov 27 2022

web find many great new used options and get the best deals for 50 heirloom buttons to make 3a a gallery of decorative fabric 2c needle lace 2c croch by nancy nehrling 281996 2c trade paperback 29 at the best online prices at ebay free shipping for many products

50 heirloom buttons to make by nancy nehrling librarything - Apr 20 2022

web create from this gallery of decorative fabric needle lace crochet ribbon and braid closures this extensive collection of beautiful buttons and closures can easily be made without special equipment includes delicate needle lace buttons elegant frog closures victorian crocheted buttons braid fabric ribbon buttons and more

50 heirloom buttons to make by nancy nehrling abebooks - Jun 22 2022

web 50 heirloom buttons to make by nancy nehrling and a great selection of related books art and collectibles available now at abebooks com

50 heirloom buttons to make amazon com tr - Oct 07 2023

web 50 heirloom buttons to make amazon com tr Çerez tercihlerinizi seçin alışveriş deneyiminizi geliştirmek hizmetlerimizi sunmak müşterilerin hizmetlerimizi nasıl kullandığını anlayarak iyileştirmeler yapabilmek ve ilgi alanlarına göre özelleştirilmiş reklamlar da dahil olmak üzere reklamları gösterebilmek için çerezler

50 heirloom buttons to make nancy nehrling google books - Jun 03 2023

web buttons can add a distinctive touch to any garment and nancy nehrling s book provides a host of beautiful buttons you can easily learn to make whether you sew or not this beautifully

50 heirloom buttons to make taschenbuch 1 april 1996 amazon de - Feb 16 2022

web marcus tullis 50 heirloom buttons to make taschenbuch 1 april 1996 englisch ausgabe von nancy nehrling autor marcus tullis fotograf 105 sternbewertungen alle formate und editionen anzeigen kindle 10 78 lies mit kostenfreien app möchten sie ihre elektro und elektronikgeräte kostenlos recyceln mehr erfahren

50 heirloom buttons to make kindle edition amazon com au - Dec 29 2022

web 50 heirloom buttons to make kindle edition create from this gallery of decorative fabric needle lace crochet ribbon and braid closures this extensive collection of beautiful buttons and closures can easily be made without special equipment includes delicate needle lace buttons elegant frog closures victorian crocheted buttons braid

50 heirloom buttons to make kindle edition amazon com - Aug 05 2023

web dec 31 1995 50 heirloom buttons to make kindle edition by nehring nancy marcus tullis download it once and read it on your kindle device pc phones or tablets use features like bookmarks note taking and highlighting while reading 50

[management richard l daft google books](#) - May 15 2023

web feb 15 2021 management richard l daft cengage learning feb 15 2021 business economics 784 pages develop with the confidence and innovative skills to lead in

solutions manual for management 9th edition by daft issuu - Sep 07 2022

web aug 4 2018 the scientific management perspective is a subfield of the classical management perspective that emphasized scientifically determined changes in

daft management 9th edition pdf ebook and manual free - Jan 31 2022

web management 8th edition richard daft pdf pdf l daft phd is the brownlee o isbn 0132620537 9780132620536 this book continues the hr 201

understanding management 9th edition daft solutions manual - Nov 09 2022

web understanding management 9th edition daft solutions manual free download as pdf file pdf text file txt or read online for free solutions manual

management 9th edition by daft booksamillion com - Dec 10 2022

web management 9th edition the market leading textbook for principles of management courses reaches a new level with richard l daft being joined by martyn kendrick and

new era of management by richard l daft open library - Mar 13 2023

web jan 10 2019 in response to the dynamic environment of management richard daft has written a text integrating the newest management thinking with a solid foundation in the

by richard l daft management 9th edition 1 19 09 - Jul 17 2023

web by richard l daft management 9th edition 1 19 09 on amazon com free shipping on qualifying offers by richard l daft management 9th edition 1 19 09

management 9th edition by richard l daft css books - Jan 11 2023

web feb 28 2022 management 9th edition by richard l daft css books addeddate 2022 02 28 12 49 54 identifier management

9th edition by richard l daft

new era of management richard l daft google books - Sep 26 2021

web daft s market leading new era of management 9e international edition addresses the themes and issues directly relevant to both the everyday demands and significant

management richard daft google books - Aug 18 2023

web feb 18 2009 daft s market leading management ninth edition addresses the themes and issues directly relevant to both the everyday demands and significant challenges

management richard daft google books - Jun 16 2023

web mar 9 2007 management richard daft cengage learning mar 9 2007 business economics 848 pages discover true innovation in management today within the

by richard l daft management text only 9th ninth - Dec 30 2021

web jan 1 2009 by richard l daft management text only 9th ninth edition hardcover 2009 hardcover january 1 2009 by n a author see all formats and editions

clinical effectiveness of septoplasty versus medical management - Mar 01 2022

web 1 day ago results mean snot 22 scores at six months were 19 9 95 confidence interval 17 0 to 22 7 in the septoplasty arm n 152 intention to treat population and

richard l daft management 9th ed 2010 pdf google drive - Sep 19 2023

web view details request a review learn more

management 9th edition daft help environment harvard edu - Apr 02 2022

web management richard daft 2009 02 18 give your students the confidence to manage and the ability to lead with innovative solutions in today s rapidly changing business

management 9th edition daft study guide - Aug 06 2022

web and install the management 9th edition daft study guide it is completely easy then in the past currently we extend the colleague to purchase and make bargains to download

management 9th edition ninth edition richard daft 2009 - Oct 28 2021

web management 9th edition ninth edition richard daft 2009 j k on amazon com free shipping on qualifying offers

management 9th edition ninth edition richard daft 2009

management richard l daft martyn kendrick natalia - Apr 14 2023

web richard l daft martyn kendrick natalia vershinina south western cengage learning 2010 industrial management 856 pages the market leading textbook for principles of

management daft 9th edition im lms currikistudio org - May 03 2022

web management daft 9th edition management daft 9th edition 2 downloaded from im lms currikistudio org on 2022 01 29 by guest businesses and entrepreneurial issues

bundle understanding management 9th aplia printed access - Feb 12 2023

web jan 1 2014 bundle understanding management 9th aplia printed access card daft richard l marcic dorothy on amazon com free shipping on qualifying offers

management 9th edition daft study guide daft download only - Jun 04 2022

web download and install the management 9th edition daft study guide it is unconditionally simple then back currently we extend the connect to buy and make bargains to

management daft 9th edition read only drivestreak - Oct 08 2022

web management daft 9th edition 2015 02 13 5 13 management daft 9th edition new era of management 2012 equip your students with the confidence and innovative skills they

management 9th edition daft help environment harvard edu - Nov 28 2021

web management 9th edition daft that can be your partner the leadership experience richard l daft 2014 01 01 master the critical leadership skills and solid understanding of

management 9e daft - Jul 05 2022

web management 9e daft management 9e daft 2 downloaded from wp publish com on 2020 08 10 by guest workplace leadership theory and research christian harrison 2017 11