



Main Parts

The following are already in place on the machine, for normal, everyday sewing jobs:

1. A sewing foot for ordinary straight and zigzag seams.

The pressure of the sewing foot does not have to be adjusted; it is universal and has been set at the factory to cope with sheer as well as thick fabrics.

2. A no. 80 needle (medium size) – 130/705 H system.
3. Foot support fixing screw with “snip” thread cutter.
4. The thread tension set at the “universal tension” position, figure 4 marked with a white band.

Other main parts of the machine

5. Stitch selector.
6. Stitch width dial.
7. Stitch length dial.
8. Sewing light. Maximum input 15 w. The light switch is on the right end of the machine (18).
9. Upper tension.
10. Open thread take-up lever.
11. Elnagraph, with clasp and selection chart for interchangeable stitches sewn by means of Elna-discs.
12. Wheel for elongating the superautomatic stitches.
13. Retractable spool pins.
14. Bobbin winder.
15. Flywheel with instant disengaging and engaging mechanism.
16. Electronic speed reducer.
17. Safety power switch.
18. Light switch.

19. Specification plate.

Make sure that the voltage is the same as that indicated on the light bulbs in your home. If not, do not plug in the machine but contact your Elna service man.

20. Main lead.
21. Air foot control (worked by air pressure).
22. Lift-matic button.
23. Knob for instant reverse sewing.
24. Accessory box.
25. Rotary hook cover. If you are using your Elna for the first time or have not used it for some time, open the cover and put a few drops of oil in the rotary hook, on the point marked in red (see page 14).

Elna Su Sewing Machine Manual

Huangqi Zhang



Elna Su Sewing Machine Manual:

Immerse yourself in heartwarming tales of love and emotion with Crafted by is touching creation, Tender Moments: **Elna Su Sewing Machine Manual** . This emotionally charged ebook, available for download in a PDF format (Download in PDF: *), is a celebration of love in all its forms. Download now and let the warmth of these stories envelop your heart.

<https://staging.conocer.cide.edu/files/browse/HomePages/mercedes%20190e%20service%20manual.pdf>

Table of Contents Elna Su Sewing Machine Manual

1. Understanding the eBook Elna Su Sewing Machine Manual
 - The Rise of Digital Reading Elna Su Sewing Machine Manual
 - Advantages of eBooks Over Traditional Books
2. Identifying Elna Su Sewing Machine 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 Elna Su Sewing Machine Manual
 - User-Friendly Interface
4. Exploring eBook Recommendations from Elna Su Sewing Machine Manual
 - Personalized Recommendations
 - Elna Su Sewing Machine Manual User Reviews and Ratings
 - Elna Su Sewing Machine Manual and Bestseller Lists
5. Accessing Elna Su Sewing Machine Manual Free and Paid eBooks
 - Elna Su Sewing Machine Manual Public Domain eBooks
 - Elna Su Sewing Machine Manual eBook Subscription Services
 - Elna Su Sewing Machine Manual Budget-Friendly Options
6. Navigating Elna Su Sewing Machine Manual eBook Formats

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

Elna Su Sewing Machine Manual Introduction

In this digital age, the convenience of accessing information at our fingertips has become a necessity. Whether its research papers, eBooks, or user manuals, PDF files have become the preferred format for sharing and reading documents. However, the cost associated with purchasing PDF files can sometimes be a barrier for many individuals and organizations. Thankfully, there are numerous websites and platforms that allow users to download free PDF files legally. In this article, we will explore some of the best platforms to download free PDFs. One of the most popular platforms to download free PDF files is Project Gutenberg. This online library offers over 60,000 free eBooks that are in the public domain. From classic literature to historical documents, Project Gutenberg provides a wide range of PDF files that can be downloaded and enjoyed on various devices. The website is user-friendly and allows users to search for specific titles or browse through different categories. Another reliable platform for downloading Elna Su Sewing Machine Manual free PDF files is Open Library. With its vast collection of over 1 million eBooks, Open Library has something for every reader. The website offers a seamless experience by providing options to borrow or download PDF files. Users simply need to create a free account to access this treasure trove of knowledge. Open Library also allows users to contribute by uploading and sharing their own PDF files, making it a collaborative platform for book enthusiasts. For those interested in academic resources, there are websites dedicated to providing free PDFs of research papers and scientific articles. One such website is Academia.edu, which allows researchers and scholars to share their work with a global audience. Users can download PDF files of research papers, theses, and dissertations covering a wide range of subjects. Academia.edu also provides a platform for discussions and networking within the academic community. When it comes to downloading Elna Su Sewing Machine Manual free PDF files of magazines, brochures, and catalogs, Issuu is a popular choice. This digital publishing platform hosts a vast collection of publications from around the world. Users can search for specific titles or explore various categories and genres. Issuu offers a seamless reading experience with its user-friendly interface and allows users to download PDF files for offline reading. Apart from dedicated platforms, search engines also play a crucial role in finding free PDF files. Google, for instance, has an advanced search feature that allows users to filter results by file type. By specifying the file type as "PDF," users can find websites that offer free PDF downloads on a specific topic. While downloading Elna Su Sewing Machine Manual free PDF files is convenient, its important to note that copyright laws must be respected. Always ensure that the PDF files you download are legally available for free. Many authors and publishers voluntarily provide free PDF versions of their work, but its essential to be cautious and verify the authenticity of the source before downloading Elna Su Sewing Machine Manual. In conclusion, the internet offers numerous platforms and websites that allow users to download free PDF files legally. Whether its classic literature, research papers, or magazines, there is something for everyone. The platforms mentioned in this article, such as Project Gutenberg, Open Library, Academia.edu, and Issuu, provide access to a vast collection of PDF files. However, users

should always be cautious and verify the legality of the source before downloading Elna Su Sewing Machine Manual any PDF files. With these platforms, the world of PDF downloads is just a click away.

FAQs About Elna Su Sewing Machine Manual Books

How do I know which eBook platform is the best for me? Finding the best eBook platform depends on your reading preferences and device compatibility. Research different platforms, read user reviews, and explore their features before making a choice. Are free eBooks of good quality? Yes, many reputable platforms offer high-quality free eBooks, including classics and public domain works. However, make sure to verify the source to ensure the eBook credibility. Can I read eBooks without an eReader? Absolutely! Most eBook platforms offer web-based readers or mobile apps that allow you to read eBooks on your computer, tablet, or smartphone. How do I avoid digital eye strain while reading eBooks? To prevent digital eye strain, take regular breaks, adjust the font size and background color, and ensure proper lighting while reading eBooks. What the advantage of interactive eBooks? Interactive eBooks incorporate multimedia elements, quizzes, and activities, enhancing the reader engagement and providing a more immersive learning experience. Elna Su Sewing Machine Manual is one of the best book in our library for free trial. We provide copy of Elna Su Sewing Machine Manual in digital format, so the resources that you find are reliable. There are also many Ebooks of related with Elna Su Sewing Machine Manual. Where to download Elna Su Sewing Machine Manual online for free? Are you looking for Elna Su Sewing Machine Manual PDF? This is definitely going to save you time and cash in something you should think about.

Find Elna Su Sewing Machine Manual :

mercedes 190e service manual

~~mer cruiser thunderbolt iv ignition diagrams~~

mental health work fit mind

mercedes a class automatic problems

mercedes benz command operation manual

menu colombien a table avec les grands explorateurs

~~memorex karaoke machine instruction manual~~

mercedes a45 amg manual transmission

mercedes benz e430 owners manual

[memorex md3026 cd players owners manual](#)

[memories and matchsticks a sam mcnamee mystery book 1](#)

[memorandum of physical science november grade 10 paper1 2014](#)

[menu norveacutegien a table avec les grands explorateurs](#)

[mercedes benz b0 service](#)

[memorial hospital vacancies in louis trichardt](#)

Elna Su Sewing Machine Manual :

[n2 industrial electronics past papers memorandums - Jun 28 2023](#)

web jun 1 2023 n2 industrial electronics april 2023 memorandum pdf 438 0 kb 2022 n2 industrial electronics february 2022 pdf 187 5 kb n2 industrial electronics february 2022 memorandum pdf 165 5 kb n2 industrial electronics august 2022 pdf 315 4 kb n2 industrial electronics august 2022 memorandum pdf 355 6 kb n2 industrial

[industrial electronics n2 johann kraft google books - Mar 26 2023](#)

web industrial electronics n2 author johann kraft publisher pearson south africa 2000 isbn 0636044467 9780636044463 length 125 pages export citation bibtex

download free industrial electronics n2 past papers and memos - Apr 26 2023

web may 5 2020 industrial electronics n2 ast papers and memos are the sure way to study and prepare for your final exams are you interested in these previous papers then this website will greatly assist you in getting a download of these there are two ways you can get access to these previous papers and memos

syllabus for industrial electronics n2 col campus - Apr 14 2022

web jul 13 2023 assignments are weighted by group group weight assessment 1 30 assessment 2 70 total 100

industrial electronics past exam papers and memos mytvvet - Aug 31 2023

web these papers are only available for viewing online click on next to each paper to download after successful payment wait to be redirected to the download page for bulk purchasing at a discount send us a list of the papers you d like and we ll send you a single download link industrial electronics past exam papers and memos for tvet fet

[past exam paper memo n2 24 minute - Feb 22 2023](#)

web industrial electronics n2 8080602 18 november 2016 x paper 09 00 12 00 nonprogrammable scientific calculators and drawing instruments may be used this question paper consists of 6 pages and 1 formula sheet of 2 pages department of higher education and training republic of south africa

industrial electronics n2 lecturer s guide macmillan - Sep 19 2022

web industrial electronics n2 lecturer s guide nated n2 industrial electronics lecturer s guide publisher trouphant publishers
print price r 199 95 print isbn 9781430806417 order book

industrial electronics n2 studylib net - Dec 11 2021

web electronics industrial electronics n2 related documents electrical resistance and ohm s law ch 115 fall 2014worksheet 9
what is the formula for calculating two or more cells connected together basic electrical facts and laws unit 2 self quiz pages
270 271

industrial electronics n2 question papers and memos download - Jul 18 2022

web apr 27 2020 below a link will be provided for you to download the free industrial electronics n2 question papers and
memos download the download consists of a single paper of industrial electronics n2 as well as its answers or memorandum
past exam papers n1 n6 ekurhuleni technical college - Mar 14 2022

web industrial electronics n2 exam papers industrial orientation n2 exam papers instruments trade theory n2 exam papers
logic systems n2 exam papers industrial electronics n5 exam papers industrial instruments n5 exam papers logic systems n5
exam papers mathematics n5 exam papers

industrial electronics n2 ekurhuleni technical college - Jun 16 2022

web industrial electronics n2 8080602 17 august 2021 x paper 09 00 12 00 drawing instruments and nonprogrammable
calculators may be used this question paper consists of 6 pages and a formula sheet of 2 pages 003q1g2123 department of
higher education and training republic of south africa

free industrial electronics n2 question memo download - Jan 12 2022

web free industrial electronics n2 question memo download electrical engineering 67 9 6 1cjl77qr oaq hc nr 3go vg
ryohkwtqjam zo 1 electrical engineering none 8 2016 november mathematics n 1 question paper electrical engineering none
231 engineering science n 4 answers electrical engineering 100 1 22

industrial electronics n2 tsc edu za - Jan 24 2023

web industrial electronics n2 8080602 15 november 2017 x paper 09 00 12 00 this question paper consists of 7 pages and a
formula sheet of 2 pages department of higher education and training republic of south africa national certificate industrial
electronics n2 time 3 hours marks 100

t760 industrial electronics n2 qp april 2019 signed off - Oct 09 2021

web we would like to show you a description here but the site won t allow us

industrial electronics n2 nols gov za - Oct 21 2022

web industrial electronics n2 formula sheet direct current theory v i r p v i r v p 2 p i 2 r r 1 2 1 2 t r r r r u t r 1 2 1 t 1 2 2 1 i
r r u 1 2 3 1 r t r r alternating current theory f 1 t e e m sint e e m sinzt e e m sin2sft i i m sint i i m sinzt v rms 0 707v max i

rms 0 707i max v ave 0 637v max i ave 0 637i max average value rms value form

industrial electronics n2 past papers study guides and notes - Jul 30 2023

web may 30 2022 find industrial electronics n2 previous exam question papers with memorandums for answers 2023 2022 2021 2020 2019 and more prescribed textbooks and study guides most of the resources are in pdf format for easy download
industrial electronics n2 sb macmillan south africa - Nov 21 2022

web industrial electronics n2 sb macmillan education south africa browse our catalogue or purchase ebooks from our online shop

industrial electronics n2 electric circuits limited content youtube - May 16 2022

web oct 23 2022 this channel does not offer industrial electronics yet in this one and only chapter of electric circuits i did a three part video to explain electric circuit

industrial electronics tvet exam papers - May 28 2023

web download industrial electronics past exam papers and memos from 2005 to 2020 industrial electronics n1 2020 april qp memo november industrial electronics n2 2020 april qp memo november qp memo 2019 april qp

industrial electronics n1 n2 nated - Feb 10 2022

web aug 2 2012 engineering science n3 n4 fitting and machining theory fluid mechanics industrial electronics n1 n2 industrial electronics n3 n4 industrial electronics n5 industrial electronics n6 mathematics n1 mechanotechnics n5
study guides maluti tvet college - Nov 09 2021

web n2 industrial electronics open n2 fitting machining theory module 10 open n2 fitting machining theory v belts open n1 fitting machining theory module 13 cutting tools open n2 electrical trade theory module 6 protection open n2 fitting machining theory module 14 reduction gearboxes open

free engineering papers n2 engineering n1 n6 past papers - Dec 23 2022

web engineering courses n1 to n6 and careers are you interested in studying towards an engineering related course but you are not fully decided consider the different courses below on engineering ranging from mechanical electrical chemical and installation rules for more information

industrial electronics 2nd edition n2 student s book - Aug 19 2022

web macmillan education south africa browse our catalogue or purchase ebooks from our online shop

cibola burn book 4 of the expanse now a prime original series - Jun 22 2022

web now a prime original tv series cibola burn is the fourth book in the new york times bestselling and hugo award winning expanse series the gates have opened the

cibola burn book 4 of the expanse now a prime original series - Oct 27 2022

web characters basia merton is one of the refugees from ganymede refused safe harbor in the solar system his ship pushed through the gate to be the first to settle a new planet

cibola burn book 4 of the expanse now a prime - Jul 04 2023

web jun 5 2014 now a prime original tv series cibola burn is the fourth book in the new york times bestselling and hugo award winning expanse series the gates have

cibola burn book 4 of the expanse now a prime original series - Mar 20 2022

web cibola burn is the fourth novel in the expanse series by james s a corey it was published on june 17 2014 by orbit books contents 1 blurb 1 1 alternate blurb 2 plot 3

cibola burn the expanse book 4 kindle edition amazon com - Nov 15 2021

cibola burn book 4 of the expanse now a prime original series - May 02 2023

web now a prime original tv series cibola burn is the fourth book in the new york times bestselling and hugo award winning expanse series the gates have opened the

buy cibola burn book 4 of the expanse now a prime original - Dec 17 2021

cibola burn book 4 of the expanse now a prime - Sep 06 2023

web may 7 2015 buy cibola burn book 4 of the expanse now a prime original series by james s a corey from amazon s fiction books store everyday low prices on a huge

cibola burn the expanse wiki fandom - Jan 18 2022

web jun 17 2014 the fourth book in the nyt bestselling expanse series cibola burn sees the crew of the rocinante on a new frontier as the rush to colonize the new planets

cibola burn book 4 of the expanse now a prime original series - Apr 20 2022

web jun 5 2014 now a prime original tv series cibola burn is the fourth book in the new york times bestselling and hugo award winning expanse series the gates have

cibola burn book 4 of the expanse now a prime - Apr 01 2023

web may 5 2015 the fourth book in the nyt bestselling expanse series cibola burn sees the crew of the rocinante on a new frontier as the rush to colonize the new planets

cibola burn the expanse 4 by james s a corey - Nov 27 2022

web the gates have opened the way to a thousand new worlds and the rush to colonise has begun settlers looking for a new life stream out from humanity s home planets illus the

cibola burn book 4 of the expanse now a prime original series - Dec 29 2022

web now a prime original tv series cibola burn is the fourth book in the new york times bestselling and hugo award winning expanse series the gates have opened the

cibola burn book 4 of the expanse now a prime original series - Feb 16 2022

web amazon in buy cibola burn book 4 of the expanse now a prime original series book 4 of the expanse now a major tv series on netflix book online at best prices in

cibola burn book 4 of the expanse now a prime original series - Sep 25 2022

web jun 5 2014 buy cibola burn book 4 of the expanse now a major tv series on netflix by corey james s a from amazon s fiction books store everyday low prices on a

cibola burn book 4 of the expanse now a prime - Jun 03 2023

web may 7 2015 now a prime original tv series cibola burn is the fourth book in the new york times bestselling and hugo award winning expanse series the gates have

cibola burn book 4 of the expanse by corey james s a - Jul 24 2022

web cibola burn book 4 of the expanse now a prime original series by james s a corey at abebooks co uk isbn 10 0356504190 isbn 13 9780356504193 orbit 2015

cibola burn book 4 of the expanse now a prime original series - May 22 2022

web amazon in buy cibola burn book 4 of the expanse now a prime original series book online at best prices in india on amazon in read cibola burn book 4 of the expanse

cibola burn wikipedia - Aug 25 2022

web until now the alien artifact working through its program under the clouds of venus has appeared in uranus s orbit where it has built a massive gate that leads to a starless

cibola burn the expanse 4 mitpressbookstore - Feb 28 2023

web cibola burn book 4 of the expanse now a prime original series by james s a corey and a great selection of related books art and collectibles available now at

9780356504193 cibola burn book 4 of the expanse now a - Jan 30 2023

web cibola burn book 4 of the expanse now a prime original series ebook written by james s a corey read this book using google play books app on your pc android

cibola burn the expanse 4 amazon com - Oct 07 2023

web paperback may 5 2015 the fourth book in the nyt bestselling expanse series cibola burn sees the crew of the rocinante on a new frontier as the rush to colonize the new

cibola burn book 4 of the expanse now a prime original series - Aug 05 2023

web jun 5 2014 now a prime original tv series cibola burn is the fourth book in the new york times bestselling and hugo award winning expanse series the gates have

[sedimentary rocks 3rd edition by f j pettijohn open library](#) - Apr 26 2023

web jan 14 2023 sedimentary rocks 3rd edition by f j pettijohn harper row publishers edition in english

classification of sandstone according to pettijohn 1975 - Jun 16 2022

web download scientific diagram classification of sandstone according to pettijohn 1975 from publication unicharacteristic of geomorphological landscape depositional environment in talawi hilir

sedimentary rocks ed 2nd pettijohn f j archive org - May 28 2023

web dc subject classification social sciences dc subject keywords textures dc subject keywords gravels dc subject keywords breccias dc subject keywords sandstones dc subject keywords nomenclature dc title sedimentary rocks ed 2nd

classification of sedimentary rocks the australian museum - Apr 14 2022

web sedimentary rocks are classified according to the predominant grain size present as well as by their mineral content

a classification of sedimentary rocks the journal of geology - Oct 21 2022

web a simple field and laboratory classification of sedimentary rocks is proposed it is based fundamentally on composition and texture with the primary divisions determined by the mode of origin of the constituents tt is tripartite in nature consisting of 1 a dominantly fragmental division including conglomerates sandstones and shales 2 a division

[pdf a sandstones classification model researchgate](#) - Jul 18 2022

web aug 1 2009 this model represents the triangular diagrams of the pettijohn potter and siever s classification method which is the most used in the clastic sedimentary petrology studies because of its

sedimentary rocks by f j pettijohn second edition 1957 xvi - Nov 21 2022

web dec 1 2009 sedimentary rocks by f j pettijohn second edition 1957 xvi 718 pp 119 tables 173 figs 40 plates harper and brothers new york price 12 00

[5 5 classification of sedimentary rocks geosciences libretexts](#) - May 16 2022

web the classification and description of the various clastic sedimentary rock types appears in the top section of the chart below photos of each rock type appear beneath the chart chemical biochemical and organic sedimentary rock

classification of sedimentary rocks based on ternary diagrams - Jun 28 2023

web mar 8 2021 this study reviews the folk wentworth and pettijohn sedimentary rock classification schemes and based on statistics in ternary diagrams analyzes clastic proportions and their geologic

sedimentary rock classification deposits types britannica - Jul 30 2023

web specific varieties discussed below include siliceous rocks cherts phosphate rocks phosphorites evaporites iron rich sedimentary rocks iron formations and ironstones and organic rich carbonaceous deposits in sedimentary rocks

sedimentary rock classification ppt slideshare - Feb 10 2022

web sep 9 2014 sedimentary rock classification sep 9 2014 0 likes 9 436 views download now download to read offline engineering sedimentary rock classification medo hamdani follow engineering technologist at medo hamdani

sedimentary rocks pettijohn f j francis john 1904 free - Oct 01 2023

web sedimentary rocks by pettijohn f j francis john 1904 publication date 1975 topics sedimentary rocks sedimentation and deposition publisher new york harper row collection inlibrary printdisabled internetarchivebooks contributor internet archive language english xii 628 p 26 cm

krynine pettijohn and sedimentary petrology taylor francis - Aug 19 2022

web feb 13 2018 pettijohn and krynine believed that classification is a scientific method by which an object in nature can be related to a general principle this theme pervaded pettijohn s text 1949 which became a benchmark

classification of sediments and sedimentary rocks springerlink - Sep 19 2022

web sediments and sedimentary rocks may be divided into two kinds intrabasinal or autochthonous and extrabasinal or allochthonous intrabasinal sediments and sedimentary rocks or autochthonous deposits are those whose particles were derived from within the basin of deposition

sedimentary rocks springerlink - Feb 22 2023

web jan 1 2018 the complexity of sedimentary rocks has led to several systems of classification as is possible to understand in the classical book of pettijohn and in a consolidated way in folk who took account of the descriptive genetic classification by a w grabau and descriptive classification by p d krynine

688 science progress jstor - Dec 23 2022

web the papers by f j pettijohn a preface to the classification of the sedimentary rocks *journ geol* 56 1948 112 17 r r shrock a classification of sedimentary rocks *ibid* 118 29 and p d krynine the megascopic study and field classification of sedimentary rocks *ibid* 130 65 attempt with much success

classification of sandstones jstor home - Mar 14 2022

web classification of sandstones1 f j pettijohn the johns hopkins university abstract three factors are believed to be of greatest genetic importance in the classification are the provenance factor the maturity factor and the fluidity density and viscosity factor

francis j pettijohn american geologist britannica - Mar 26 2023

web classification of sedimentary rock in sedimentary rock classification systems articles by the american geologists francis j

pettijohn robert r shrock and paul d krynine their classifications provide the basis for all modern discussion of the subject

sedimentary rocks by f j pettijohn open library - Jan 24 2023

web aug 4 2010 sedimentary rocks by f j pettijohn 1975 harper row edition in english 3d ed

sedimentary rocks classification by pettijohn 1983 13 - Aug 31 2023

web download scientific diagram sedimentary rocks classification by pettijohn 1983 13 from publication an empirical classification method for south pars marls by schmidt hammer rebound index