

Slide Rule

slide rule - wikipedia - the slide rule, also known colloquially in the united states as a slipstick, is a mechanical analog computer. the slide rule is used primarily for multiplication and division, and also for functions such as exponents, roots, logarithms and trigonometry, but typically not for addition or subtraction. though similar in name and appearance to a ...

how to use the slide rule - the maximum resolution of a slide rule is only 2-4 digits depending on which end of the scale is being read. additionally, the slide rule does not tell you where the decimal point is located in the answer. to do a calculation with a slide rule you reduce all numbers to scientific

collecting slide rules - oughtred society slide rule home ... - value of slide rules. slide rule meetings: - the oughtred society has a meeting in june in mountain view, california, and a meeting in february in las vegas, nevada. displays, an auction, and slide rule talks are the scheduled highlights, plus visiting with other collectors. - the international meeting of slide rule and other math

the slide rule - ieee - gunter's rule . bissaker slide rule (1654) circular slide rule king pocket calculator (66 scales) thacher calculator (30 ft.) mannheim slide rule (1850) faber castell 2/83n nestler 23r (mannheim) issac newton put 3 scales in parallel in 1675 to compute cubes, and proposed the cursor in 1677, but was ignored.

multiplying with the slide rule - department of mathematics - multiplying with the slide rule suppose you want to multiply 2x4. 1. line up the 1 on the left hand side of sliding scale c with 2 on frame scale d. 2. line up the hairline with the 4 on scale c. the hairline should be right on the 8 on scale d. 3. since you used the 1 at the left hand side of the scale, the product is between 1 and 10.

32412 slide rule and wwii bombing - ufl mae - the slide rules are divided into general slide rules (primarily for multiplication and division of any two numbers) and special slides rules for solving specific problems. this is followed by a summary of the development of a world war ii (wwii) programmable slide rule computer with considerable data storage that

basic slide rule operation for scientists and engineers 10 - assumed my students had a firm grasp on slide rule operation. as a slide rule review i handed out a basic overview, much like you see here. this presentation stresses slide rule solutions with large and small numbers, $n \cdot n^n (+/-)x$, and in many instances takes a different approach to that

mathematical foundations of the slide rule with ack corrected - slide rule scales a slide rule has three basic parts: a body, a slide, and an indicator. on the body and slide are scales that are parallel to each other. these scales represent various functions, and by moving the slide relative to the body, a calculation involving multiple functions can be performed, with the indicator allowing

the slide rule in electrical engineering - scholarsarchive@osu - a given size of wire hold the slide rule up side down, then draw out the slide to the right (or left) until the right (or left) index on the under side of the rule is at the units figure of the given size on the I scale, as shown in fig.1. to illustrate, let us take concrete examples; for no.18 place the index on 8, for io.9 place it on 9, etc.

teach yourself the slide rule - the slide rule and other instruments which give the same facilities for rapid calculations, are covered by the term "mechanical calculation". it is unfortunate that, for some reasons not easy to see, the slide rule is sometimes regarded as a difficult instrument with which to become proficient. there is a tendency for some people

slide rule: making mobile touch screens accessible to ... - information. slide rule provides access to custom phone book, e-mail, and media player applications that we developed for this evaluation. slide rule requires a standard multi-touch screen and audio output, but no additional hardware (figure 1). in this paper, we describe the design, implementation, and evaluation of slide rule.

a history of the logarithmic slide rule and allied instruments - 4 history of the logarithmic slide rule and its use is for performing operations of arithmetick, by means of a pair of compasses, or even without, by sliding two of these lines of numbers by each other." in another place (art. "sliding rule") of his dictionary he says: "sliding rules, or scales, are instruments to

physics recreations: the slide rule - pgccphy - 2 obtain a slide rule you need a slide rule to practice with. we use a paper slide rule kit from themay 2006 issue of scientiamerican, which is duplicated on the last page of this handout. it is very similar to the type used decades ago, and provides good practice in using analog devices.

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