

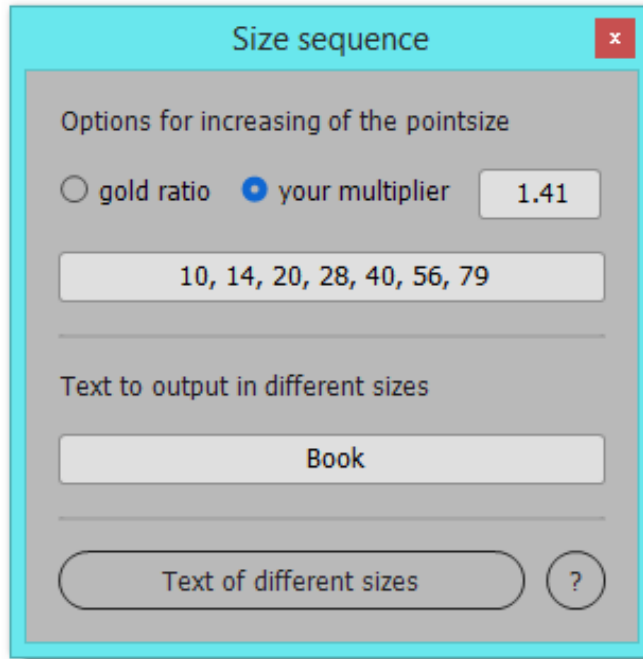
4. Text of different sizes

We use paragraph styles to define the sizes of the main text and headings. But is there a rule by which you can choose these sizes so that they increase evenly? Initially there is a standard size option **Type > Size** 6, 8, 9, 10, 11, 12, 14, 18, 24, 30, 36, 48, 60, 72.

Probably, this will do, although the increase in size is not quite uniform. And the books by Bringhurst and French talk about the usefulness of using the golden ratio and the Fibonacci proportion to build a dimensional series. And French has an idea that it is advisable to use a multiplier to prepare a line of sizes.

This fourth publication about choosing sizes is also accompanied by a script. In order not only to talk about the chosen option for building a ruler of sizes, but also to immediately

see it. Here is the working window of the script **PointSizeLine.jsx**:



At the time of launch, the cursor should be in an empty text frame, the value of the size of this text frame will be the starting point for calculating the size sequence. Which variant of these sizes — by the golden ratio or using a multiplier — is determined by the radio button.

Gold ratio and Fibonacci proportion

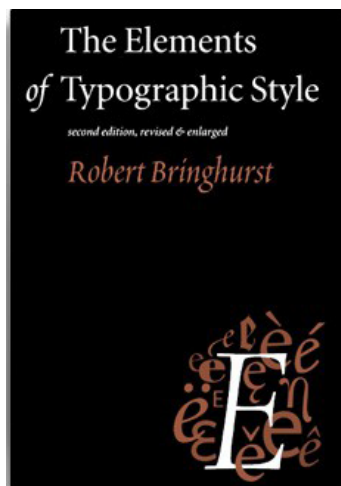
As it turned out, these calculation options give the same result. Therefore, only one option is left.

There is a variable in the script code **showFibonacciOption**, by default, it is set to **false**, if you change it to **true**, a radio button will appear for preparing a string of sizes according to the Fibonacci proportion. But since the sequences of the golden ratio and the Fibonacci proportion coincide, then this radiobutton is useful only to be surprised by the beauty of mathematical relations, but one radiobutton is enough to work.

Multiplier Selection

Obviously, if we enter 1.618 in this field, we will get another option for obtaining numbers according to the golden ratio. It is necessary, of course,

to use other multipliers. For example, 1.41 is the aspect ratio of A4 format, other, so to speak, non-random numbers are 1.333 and 1.25 (the proportions of “fourth” and “major 3rd” from the 8th chapter of Robert Bringhurst’s book “The Elements of Typographic Style”, p. 147).



Selecting a radio button or changing the multiplier will show a ruler of sizes in the line of the working window.

And now the text

When everything is selected, you can see how the text decorated with these dimensions looks in the frame where the cursor was when the script was launched. By default, the word Book is displayed in different sizes, but you can change the contents of the second field in the working window.

Conclusion

It is possible that your head is spinning from the volume of new information. But when the information becomes knowledge, you will easily solve all the issues of choosing sizes.

There are two programs that also do all the calculations for you and help make the layout beautiful: these are MusicOfHeaders <https://shop.dotextok.ru/en/03-music-of-headers> (it is based on ideas from this wonderful book by Bringhurst) and Layout design using the golden ratio <https://shop.dotextok.ru/en/08-golden-ratio-in-layout-design>.

Both of them are the development of the ideas of this four-lesson course. There are videos and instructions for each solution on these links. Get to know them.

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<https://shop.dotextok.ru/en/>

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