Zenon is a compact text font in four weights. Zenon appears as a Renaissance revival with modernish proportions. A closer look reveals that it is a typographic potpourri.

For an overview of Zenon see <u>here</u>. For the Reading MATD specimen see <u>here</u>.

Zenon Regular Zenon Italic Zenon Medium Zenon Medium Italic **Zenon Bold** Zenon Bold Italic **Zenon Black** Zenon Black Italic

The Architecture of Theories by Charles Peirce

THREE QUESTIONS, AT LEAST, I THINK IT MUST be admitted, ought to form the subject of studies preliminary to the formation of any philosophical theory; namely, 1st, the purpose of the theory, 2nd, the proper method of discovering it, 3rd the method of proving it to be true. I think, too, it can hardly be denied that it will be safer to consider these questions concerning the particular theory which is to be sought, in the light of whatever we can ascertain regarding the functions, the discovery, and the establishment of sound theories in general. But these are questions of logic; and thus, no matter whether we ultimately decide to rest our philosophy upon logical principles as data, or upon psychological laws, or upon physical observations or upon mystical experiences, or upon intuitions of first principles, or testimony, in any event these logical questions have to be considered first.

BUT IF LOGIC IS THUS TO PRECEDE PHILOSOPHY, will it not be unphilosophical logic? *Perhaps logic is not in much need of philosophy*. Mathematics, which is a species of logic, has never had the least need of philosophy in Regular & Italic 11/37

If we do not know how to express relations of virtue, honor, and love, in diagrams, those ideas do not become rubbish; any more than red, blue, and green are rubbish. But just as the relations of colors can be expressed diagrammatically, so it must be supposed that moral relations can be expressed. At any rate, until this is done Medium 14/20 The two words logic and reason take their origin from two opposite views of the nature of thought. Logic, from logos, meaning word and reason, embodies the Greek notion that reasoning cannot be done without language. Reason, from the Latin ratio, originally meaning an account, implies that reasoning is Regular10/15

Diagrams have constantly been used in logic, from the time of Aristotle; and no difficult reasoning can be performed without them. Algebra has its formulae, which are a sort of diagrams. And what are these diagrams for? They are to make experiments upon. The results of these experiments are often quite surprizing. Who would guess beforehand that the square of the hypotheneuse of a rightangled triangle was equal to the sum of But if logic is thus to precede philosophy, will it not be unphilosophical logic? Perhaps logic is not in much need of philosophy. Mathematics, which is a species of logic, has never had the least need of philosophy in doing its work. Besides, even if logic should require subsequent remodelling in the light of philosophy, yet the unphilosophical logic with which we are obliged to set out Regular g/13

The object of a theory is to render something intelligible. The object of philosophy is to render everything intelligible. Philosophy thus postulates that the processes of nature are intelligible. Postulates, I say, not assumes. It may not be so; but only so far as it is so can philosophy accomplish its purpose; it is therefore committed to going upon that assumption, true or not. It is the forlorn hope. But as far as the process of nature is intelligible, so far is the process of nature identical with the process of reason; the law of being and the law of thought must be practically assumed to be

All reasoning is experimentation, and all experimentation is reasoning. If this be so, the conclusion for philosophy is very important, namely, there really is no reasoning that is not of BOLZE

abcdefghijklmnopq rstuvwxyz(&-»],}*? ABCDEFGHIJKLM NOPQRSTUVWXYZ **0123456789*@€%**

abcdefghijklmnopq rstuvwxyz(&-»],}*? ABCDEFGHIJKLM NOPQRSTUVWXYZ 0123456789***@€%**

The two words logic and reason take their origin from two opposite views of the nature of thought. Logic, from lo 'goV, meaning word and reason, embodies the Greek notion that reasoning cannot be done without language. Reason, from the Latin ratio, originally meaning an account, implies that reasoning is an affair of computation, requiring, not words, but some kind of diagram, or abacus, or figures. Modern formal logic, especially the logic of relatives, shows the Greek view to be substantially wrong, the Roman view substantially right. Words, though doubtless necessary to developed thought, play but a secondary role in the process; while the diagram, or icon, capable of being manipulated and experimented upon, is all-important. Diagrams have constantly been used in logic,

Good reasoning is concerned with visual and muscular images. Auricular ideas are the source of most un

The object of a theory is to render something intelligible. The object of philosophy is to render everything intelligible. Philosophy thus postulates that the processes of nature are intelligible. Postulates, I say, not assumes. It may not be so; but only so far as it is so can philosophy acBut if logic is thus to precede philosophy, will it not be unphilosophical logic? Perhaps logic is not in much need of philosophy. Mathematics, which is a species of logic, has never had the least need of philosophy in doing its work. Besides, even if logic should require subsequent remodelling in the light of philosophy, yet the unphilosophical logic with which we are obliged to set out will surely be better than no logic at all. Three questions, at least, I think it must be admitted, ought to form the subject of studies preliminary to the formation of any philosophical theory; namely, 1st, the purpose of the theory, 2nd, the proper method of discovering it, 3rd the method of proving it to be true. I think, too, it can hardly be denied that it will be safer to consider these questions

Three questions, at least, I think it must be admitted, ought to form the subject of studies preliminary to the formation of any philosophical theory; namely, 1st, the purpose of the theory, 2nd, the proper method of discovering it, 3rd the method of proving it to be true. I think, too, it can hardly be denied that it will be safer to consider these questions concerning the particular theory which is to be sought, in the light of whatever we can ascertain regarding the functions, the discovery, and the establishment of sound theories in general. But these are questions of logic; and thus, no matter whether we ultimately decide to rest our philosophy upon logical principles as data, or upon psychological laws, or upon physical observations or upon mystical experiences, or upon intuitions of first principles, or testimony, in any event these logical questions have to be considered first. But if logic is thus to precede philosophy, will it not be unphilosophical logic? Perhaps logic is not in much need of philosophy. Mathematics, which is a species of logic, has never had the least need of philosophy in doing its work. Besides, even if logic should require subsequent remodelling in the light of philosophy, yet the unphilosophical logic with which we are obliged to set out will surely be better than no logic at all. The object of a theIf we do not know how to express relations of virtue, honor, and love, in diagrams, those ideas do not become rubbish; any more than red, blue, and green are rubbish. But just as the relations of colors can be expressed diagrammatically, so it must be supposed that moral relations can be expressed. At any rate, until this is done, no use can be made of such conceptions in the theory of the universe. Good reasoning is concerned with visual and muscular

WHEN WE MAKE A MATHEMAT-ICAL EXPERIMENT, IT IS THE PROCESS OF REASON WITHIN US WHICH BRINGS OUT THE RESULT. WHEN WE MAKE A CHEMICAL EX-PERIMENT, IT IS THE PROCESS OF NATURE, ACTING BY AN INTELLI-GIBLE, AND THEREFORE RATION-AL, LAW, WHICH BRINGS ABOUT THE RESULT. ALL REASONING IS EXPERIMENTATION, AND ALL EXPERIMENTATION IS REASONING. IF THIS BE SO, THE CONCLUSION FOR PHILOSOPHY IS VERY IMPOR- The two words logic and reason take their origin from two opposite views of the nature of thought. Logic, from lo'goV, meaning word and reason, embodies the Greek notion that reasoning cannot be done without language. Reason, from the Latin ratio, originally meaning an account, implies that reasoning is an affair of computation, requiring, not words, but some kind of diagram, or abacus, or figures. Modern formal logic, especially the logic of relatives, shows the Greek view to be substantially wrong, the Roman view substantially right. Words, though doubtless necessary to developed thought, play but a secondary role in the process; while the diagram, or icon, capable of being manipulated and experimented upon, is all-important. Diagrams have constantly been used in logic, from the time of Aristotle; and no difficult reasoning can be performed without them. Algebra has its formulae, which are a sort of diagrams. And what are these diagrams for? They are to make experiments upon. The results of these experiments are often quite surprizing. Who would guess beforehand that the square of the hypotheneuse

But if logic is thus to precede philosophy, will it not be unphilosophical logic? Perhaps logic is not in much need of philosophy. Mathematics, which is a species of logic, has never had the least need of philosophy in doing its work. Besides, even if logic should require subsequent remodelling in the light of philosophy, yet the unphilosophical logic with which we are obliged to set out will surely be better than no logic at all. The object of a theory is to render something intelligible. The object of philosophy is to render everything intelligible. Philosophy thus postulates that the processes of nature are intelligible. Postulates, I say, not assumes. It may not be so; but only so far as it is so can philosophy accomplish its purpose; it is therefore committed to going

THE OBJECT OF A THEORY IS TO REN-DER SOMETHING INTELLIGIBLE. THE **OBJECT OF PHILOSOPHY IS TO RENDER EVERYTHING INTELLIGIBLE. PHILOSOPHY** THUS POSTULATES THAT THE PROCESSES OF NATURE ARE INTELLIGIBLE. POSTU-LATES, I SAY, NOT ASSUMES. IT MAY NOT BE SO; BUT ONLY SO FAR AS IT IS SO CAN PHILOSOPHY ACCOMPLISH ITS PURPOSE; IT IS THEREFORE COMMITTED TO GOING UPON THAT ASSUMPTION, TRUE OR NOT. IT IS THE FORLORN HOPE. BUT AS FAR AS THE PROCESS OF NATURE IS INTELLIGI-BLE, SO FAR IS THE PROCESS OF NATURE IDENTICAL WITH THE PROCESS OF REA-SON; THE LAW OF BEING AND THE LAW

Reason, from the Latin ratio, originally meaning an

But if logic is thus to precede philosophy, will it not be unphilosophi....

Modern formal logic, especially the logic of relatives, shows the Greek view to be substantially wrong, the Roman view substantially right. Words, though doubtless necessary to developed tho

The object of a theory is to render something intelligible. The object of philosophy is to render everythin Backeys

abcdefghijklmnopq rstuvwxyz(&-»],}*? ABCDEFGHIJKLM NOPQRSTUVWXYZ 0123456789

abcdefghijklmnopq rstuvwxyz(&->>],}*? **ABCDEFGHIJKLM** NOPORSTUVWXYZ 0123456789

Reason, from the Latin ratio, originally meaning an

Three questions, at least, I think it must be admitted, ought to form the subject of studies preliminary to the formation of any philosophical theory; namely, 1st, the purpose of the theory, 2nd, the proper method of discovering it, 3rd the method of proving it to be true. I think, too, it can hardly be denied that it will be safer to consider these questions concerning the particular theory which is to be sought, in the light of whatever we can ascertain regarding the functions, the discovery, and the establishment of sound theories in general. But these are questions of logic; and thus, no matter whether we ultimately decide to rest our philosophy upon logical principles as data, or upon psychological

The object of a theory is to render something intelligible. The object of philosophy is to render everything intelligible. Philosophy

But if logic is thus to precede philosophy, will it not be unphilosophical logic? Perhaps logic is not in much need of philosophy. Mathematics, which

Good reasoning is concerned with visual and muscular images. Auricular ideas are the source of most unsound

The two words logic and reason take their origin from two opposite views of the nature of thought. Logic, from lo 'goV, meaning word and reason, embodies the Greek notion that reasoning cannot be done without language. Reason, from the Latin ratio, originally meaning an account, implies

Who would guess beforehand that the square of the hypotheneuse of a rightangled triangle was equal to the sum of the squares of the legs? Though involved in the axioms of geometry and the law of mind, this property is as occult as that of the magnet. When we make a mathematical experiment, it is the process of reason within us which brings out the result. When we make a chemical experiment, it is the process of nature, acting by an intelligible, and therefore rational, law, which brings about the result. All reasoning is experimentation, and all experimentation is reasoning. If this be so, the conclusion for philosophy is very important, namely, there really is no reasoning that is not of the nature of diagrammatic, or mathematical, reasoning; and therefore we must admit no conceptions which are not susceptible of being represented in diagrammatic

All reasoning is experimentation, and all experimentation is reasoning. If this be so, the conclusion for philosophy is very important, namely, there really is no reasoning that is not of the nature of diagrammatic, or mathematical, reasoning; and therefore we must admit no conceptions which are not susceptible of being represented in diagrammatic form. Ideas too lofty to be expressed in diagrams are mere rubbish for the purposes of philosophy. If we do not know how to express relations of virtue, honor, and love, in diagrams, those ideas do not become rubbish; any more than red, blue, and green are rubbish. But just as the relations of colors can be

Three questions, at least, I think it must be admitted, ought to form the subject of studies preliminary to the formation of any philosophical theory; namely, 1st, the purpose of the theory, 2nd, the proper method of discovering it, 3rd the method of proving it to be true. I think, too, it can hardly be denied that it will be safer to consider these questions concerning the particular theory which is to be sought, in the light of whatever we can ascertain regarding the functions, the discovery, and the establishment of sound theories in general. But these are questions of logic; and thus, no matter whether we ultimately decide to rest our philosophy upon logical principles as data, or upon psychological laws, or upon physical observations or upon mystical experiences, or upon intuitions of first principles, or testimony, in any event these logical questions have to be considered first. But if logic is thus to precede philosophy, will it not be unphilosophical logic? Perhaps logic is not in much need of philosophy. Mathematics, which is a species of logic, has never had the least need of philosophy in doing its work. Besides, even if logic should require subsequent remodelling in the light of philosophy, yet the unphilosophical logic with which we are obliged

The object of a theory is to render something intelligible. The object of philosophy is to render everything intelligible. Philosophy thus postulates that the processes of nature are intelligible. Postulates, I say, not assumes. It may not be so; but only so far as it is so can philosophy accomplish its purpose; it is therefore committed to going upon that assumption, true or not. It is the forlorn hope. But as far as the process of nature is intelligible, so far is the process of reason; the law of

But if logic is thus to precede philosophy, will it not be unphilosophical logic? Perhaps logic is not in much need of philosophy. Mathematics, which is a species of logic, has never had the least need of philosophy in doing its work. Besides, even if logic should require subsequent remodelling in the light of philosophy, yet the unphilosophical logic with which we are obliged to set out will surely be better than no logic at all. The object of a theory is to render something intelligi-

The two words logic and reason take their origin from two opposite views of the nature of thought. Logic, from lo 'goV, meaning word and reason, embodies the Greek notion that reasoning cannot be done without language. Reason, from the Latin ratio, originally meaning an account, implies that reasoning is an affair of computation, requiring, not words, but some kind of diagram, or abacus, or figures. Modern formal logic, especially the logic of relatives, shows the Greek view to be substantially wrong, the Roman view substantially right. Words, though doubtless necessary to developed thought, play but a secondary role in the process; while the diagram, or icon, capable of being manipulated and experimented upon, is all-important. Diagrams have constantly been used in logic, from the time of Aristotle; and no difficult reasoning can be performed without them. Algebra has its formulae, which are a sort of diagrams. And what are these diagrams for? They are to make experiments upon. The results of these experiments are often quite surprizing. Who would guess beforehand that the square of the hypotheneuse of a rightangled triangle was equal to the sum of the squares of the legs? Though involved in the axioms of geometry and the law of mind, this property is as occult as that of the magnet. When we make a mathematical experiment, it is the process of reason within us which brings out the result. When we make a chemical exper-

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

abcdefghijklmnopqrstuvwxyz

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

À Á Â Ã Ä Å Ă Ă Ā Æ B Ç Ć Ċ Č Ď Đ È É Ê Ë Ė Ē Ě Ę Ğ Ģ Ġ Ħ Ì Í Î Ï Ī Į IJ Ķ Ĺ Ľ Ļ Ŀ Ł Đ ÑŃŇŅŊÒÓÔÕÖŌØŐŒPŔŘŖRŔŖŘŚŞŠŢŤŢÙÚÛÜŪŲÜŮŰŲÞ ŴŴŴŴŶŶŸŹŹŻ àáâãäåăąāæçćċčďđèéêëėēěęğģġgħìíîïīįijķ ĺľĮŀłðñńňņŋòóôõöōøőœŕřŗśşšşŧťţùúûüůűūųþẁẃŵŵỳýÿŷźžż ÀÁÂÃÄÅĂĄĀÆÇĆĊČĎĐÈÉÊËĖĒĚĘĞĢĠĦÌÍÎÏĪĮijĶĹĽĻĿŁĐÑŃŇŅŊ Ò Ó Ô Õ Ö Ō Ø Ő Œ Ŕ Ř Ŗ Ś Ş Š Ṣ Ŧ Ť ț Ù Ú Û Ü Ů Ű Ū Ų Þ Ŵ Ŵ Ŵ Ŵ Ŷ Ý Ÿ Ŷ Ź Ž $01234567890 \ 0123456789 \ 0123456789 \ ^{0123456789(+=,.)}$ 1/4 1/2 3/4 1/8 3/8 5/8 7/8 a d e nost @ # & § C ® ™ ¶ ß Δ` ··· o ′ 、 · · ° , ~ ″ % ‰ ◊ ª ♀ $\{[()]\}^*, -./:; ?! \setminus \underline{:} : \langle \cdot \rangle - -- \uparrow \ddagger \circ i \circ \gamma, \circ \cdots \circ \gamma + - \times \div < \neq = > \sqrt{\prod \sum |\cdot|} \sim \neg \pm \le \ge \approx$