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septem artes liberales (trivium) septem artes mechanicae (quadrivium)

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”

[4, .1, - .2, § 5].

94].

” [5,

“

” [9, 96].

“

” [9, 97].

” [9,

97],

“

[]” [9, 97].

” (“Painting contains a
divine force which not only makes absent men present,... but moreover makes the dead seem almost
alive”) [10, 2, 2].

“

” (“All the smiths, sculptors, shops and guilds are
governed by the rules and art of the painter”) [10, 2, 4].

“

” (“The architect,... takes from the painter architraves, bases, capitals,
columns, façades and other similar things”) [10, 2, 4],

[]

” (“the first, all mathematics,
concerning the roots in nature which are the source of this delightful and most noble art”) [10, ..

. 3].
" (I beg you to consider me not as a mathematician but as a painter writing of these things") [10, . 1, . 2],

.50].
" [6, .9].
" [6, .12].

: " [6, .84].
quadrivium.
" [7, .38];
" [7, .31].

" "
" "
" [3, .305].

" [3, .320], -
magia artificiale (
" ("Campanella makes a classification of different kinds of magic, including a kind which he calls "real artificial magic") [11, .147].

" ("This art however cannot produce marvellous effects save by means of local motions and weights and pulleys or by using a vacuum, as in pneumatic and hydraulic apparatuses, or by applying forces to the materials") [11, .148].
magia artificiale artes
mechanicae

“ [1, .199].

“ [1, .207], –

... [1, .64].

“ { [2, .89-90].

“ [2, .95].

artes mechanicae : “ [2, .89].

[2, .25], –

“ [2, .21].

artes mechanicae, –

” “ [,] ” [8, .106].

quadrivium,

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Summary

Tenus I. Renaissance Philosophy of Science: from the Mechanical Arts to the Theoretical Mechanics. The article covers the Renaissance stage of the formation of experimental science through the analysis of the thoughts that were expressed about the theory of science by leading representatives of a number of focused on studying the nature ideological movements those times. Keywords: theology, philosophy, liberal arts, mathematics, mechanical arts, theoretical mechanics.