corresponding effects are produced in the stimulation of the facul in the mixture of these colors are increased or decreased, <317> the soul's cowardice and sadness. Similarly, when the proportions yellow, and white reacts on the black gall and brings to the tore faculty of humility comes to the fore. A combination of black, red a stimulant, causing the production of phlegm, so that the souls self. Again, when the color yellow is mingled with black, it acts at soul originating in it, causing [physical] strength to manifest it

turn, determines the effect they produce in combination. a harmonious effect on the emerging traits and faculties of the soul what sort of impression they make individually because this in that make their appearance. Now it is necessary for thee to know injurious. When, however, they are blended together, they produce impulses of the soul, and often their reaction upon the latter is or melody. 68 They arouse [in their simple state] only one of the The same applies to the single sound or musical intenation.

is composed of three consecutive beats 71 and one quiescent derived from the beating. 70 The measure of the first of these modes distinct [rhythmic] modes,69 each of which consists of measures Let me, therefore, say at this point that there are altogether eight

stimulate the force of the blood and arouse the impulse to rule and and one quiescent and one audible 78 [beat]. Both these modes The second, again, [is made up of] three consecutive bear

tive beats, not separated by the time of a beat,74 followed by a The measure of the third [mode] is composed of two consecu-

don, 1943), p. 32. 67. Cf. Henry George Farmer, Sa'adyah Gaon on the Influence of Munic (Lan-

emended as Farmer (ibid.) suggests. 68. "melody"—the Arabic text reads "melodies," which should, however, be

69. Cf. idem, p. 31, literally "melodies."
70. "beating," literally "intoning." Cf. idem, pp. 30 ff.
71. "beats," literally "notes." Cf. idem, pp. 30 and 78 ff.

"quiescent"-cf. idem, p. 78 for the meaning.

73. "audible"-cf. ibid. for the meaning.

"beat." Cf. above, n. 71.

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olitary 75 beat. Between the downward and upward strokes [of the mus arouses man's courage and boldness and the like. the time of a beat. 78 This one mode reacts on the yellow gall and lectrum 76 and the upward] 77 and downward stroke, moreover,

beat,79 although there is such an interval between each three ness, cowardice, and the like. brings to the fore the soul's potentiality for baseness, submissiveheats 79 which are not separated from each other by the time of cats. 79 This mode alone stimulates the production of phlegm and The measure of the fourth [mode] consists of three consecutive

stroke 83 is the time of a beat.84 by the interval of a beat.82 Also between [the downward and upward stroke of the plectrum and] the upward and downward blowed by two consecutive 81 [beats] which are not separated The measure of the fifth [mode] is made up of a solitary beat, 80

The measure of the sixth [mode] consists of three audible

each two of these beats,88 however, is the time of a beat.89 heats 86 that are not separated by the interval of a beat, 87 Between The measure of the seventh is composed of two consecutive

The measure of the eighth, finally, is composed of two consecu-

al-Kindi. Landauer's text and the two Hebrew versions read "quiescent." 75. "solitary," so according to Farmer, op. cit., p. 35, on the basis of the parallel

76. Cf. idem, p. 82.

77. Cf. idem, p. 31. 78. Cf. above, n. 71.

79. Cf. above, n. 71. 80. "beat." Cf. above, n. 71.

Our text reads "separate." 81. "consecutive," so according to al-Kindi. Cf. Farmer, op. cit., pp. 31 and 36.

82. Cf. above, n. 71.

shove, n. 76. 83. "downward . . . downward stroke." This is the correction suggested by mucr, op, cit., p. 36. The text reads: "upward and downward stroke." Cf. also

84. Cf. n. 71.

85. Cf. above, n. 71. 86. Cf. above, n. 71.

87. Cf. above, n. 71. 88. Cf. above, n. 71. 89. Cf. above, n. 71.