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(1)

(428-370)

"
*"

(175)

(2)

(4)

" "

—
"

(5)

(6)

(285)

:

(7)

(316) "

"

(392)

(3)"

"

(368) (8)

(9)

(10)

.2004/11/18

2004/6/23

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(16)

Panini

(11)

(17)

(18)

(1979)

(215)

(12)

(1980)

(19)

(20)

(538)

(13)

(1976)

(21)

(22)

(1986)

(14)

(23)

(15)

(185)

(1986)

(24)

(663)

(Auditory)
(Phonetics)
(32)

(1981)

(25)

(26)

(28)

(27)

(29)

()

(30)

(33)

80

(34)

“(35)

(31)

(Acoustics)

(41)

(42)

(36)

(37)

(43)

()

(38)

(44)

" " :

(45)

(39)

(Auditory)

()

(40)

(46)

(Front of the tongue)

":

(Blade of the tongue)

⁽⁵⁴⁾(Root of the tongue)

(55)

“(47)

(Arytenoid Cartilages)

(56)

:

(Vocal Process)

:

(Muscular Process)

(48)

“ ”

(49)

“(57)

“ ”

(50)

(Distinctive feature)

(58)

- -

“

(59)

“(51)

(Uvular)

- -

(52)

()

(60)

(61)

Palat

(53)

(62)

(Back of the tongue)

" :

(69)u

(70)

(71)

(72)

" : (Phoneme)

(63)u

(73)

/ / / / / / :

(64) / / /

(Stops)

(74)

(65) / / / / /

(66)

(fricative)

(67)

(75)

(76)

(77)

(78)

(68)

(87)

(79)u

(88)

u(80)

(81)

(89)

(392)

(82)

(83)

u(90)

(84)

(Scientific)

(85)

(86)

(91)

(Phone)

(Consonants)

(92)(Allophone)

(Vowels)

u u u u

(Sign)

(97)

(Phonologist)

(93)

(94)

()

(98) "

"

()

" (Arbitrary)

" "

" "

∴
()

"(99)

— — —

—

(Sister)

(95)

(Sor)

∴

()

∴

(100)

"

(101)

"(96)

" " ∴ " "

(106)

()

()

()

()

(107)

(108)

(109)

(102)

" "

" " " : -1

" " : -2

" " : -3

(distinctive features)

(Semantic Fields)⁽¹⁰⁵⁾

(Phone)

(1983)

								161/2	(1)	
.18								466/4	152/1	
.90								203/1		
.115	111								.261/2	
			.191	190					*	
.257	255	231	219	218	204	97				
								.161/1		
		.31-21	10					194/3	176/4	
							79	14	(2)	
								226		
		.209						.176/4	(3)	
	.112							.48/1	(4)	
		Avecinna's De Anima, 81-82.							.431	4
.10-8								.49-48	(6)	
		.89						.45/1	(7)	
			.87					59	(8)	
								.17-13	(9)	
.8	6				25			.136	(10)	
									(11)	
.52								.45	33	
	.84-83								.229	
	.86-85							.134-127	(12)	
	.90-89							.76	(13)	
	: 92							.27-25	(14)	
	: .4-3							.89 ()	(15)	
	.64-61					()		.65-62	(16)	
								.135	(17)	
								.173	(18)	
	.9-8							.58	(19)	
	:							.59	(20)	
								.59	(21)	
.65-64								.153-136	(22)	
	.71-69							1914	(23)	
	.106-105									
			.108							
	:		106							
.59	:		.43					1954	(1962)	

92- 87		.58		(50)
			19	
		(85)	.73	(51)
.45-44		(86)	.49	(52)
.44-37		(87)	.69	(53)
.85		(88)	.69	(54)
		(89)	.74-73	(55)
.17/1		(90)	.70-69	(56)
.63-56		(91)	.83	(57)
	74		.59	(58)
	.69	(92)	: .127	116
.75-74		(93)	.83	
: 432/4		(94)	.82	(59)
				(60)
			.90	(61)
	.157	1 29	80-79	(62)
.2-1	-	(95)		.77 57
.4-2		(96)	.60	(63)
.84		(97)	.61	(64)
		(98)	26-22	(65)
			.(1)	64
			: .61	(66)
			.69-68	
			.61	(67)
				24
			.77	(68)
			.79-78	(69)
			88	(70)
	.Arbitrary			.24
: .5		(99)	.74	(71)
	.15		.82	(72)
.88-87		(100)	.82	(73)
.51		(101)	.222	(74)
.32-31		(102)	.82	(75)
.38-37		(103)	.83	(76)
121 - 118	F.R.	(104)	.79-77	(77)
	Hyponymy		.81	(78)
	:		.83	(79)
.152-151		(105)	.79	(80)
.40-39		(106)	.100	(81)
.105 - 104		(107)		.101
.106-105		(108)	.74	(83)
.105		(109)		(84)

. 1
 (538)
 .1982 ()
 1986
 .1 () (392)
 1988 2 1993
 .1 (428)
 (5) (180) 1970
 () .1
 (368) 1982
 .1 1985 .1
 1998
 .1 .1 1983
 () (732)
 (4)
 1976 5 1979
 .1 () - F.R.
 1983 1976 1 1992
 .1 (124) 2
 1972 ()
 1 1976 - 1986
 2003 1
 .2 -
 1950 1 1988
 1988
 624 1
 1986 2002
 .1 (4) 1 29
 1966 (175)
 1980
 1985 1
 .1 1998
 1981 1
 .1 1 1985
 1980 1988
 .(1980) / 10 5 2
 1980 1979
 .1 1
 1995 R.H.
 .1 1990
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Avecinna's Phonetics

*Ibrahim Khalil**

ABSTRACT

This study aims at examining the thoughts of Avecinna concerning phonetics, phonology and semantics, in light of modern linguistics. The study observed that he described the nature of sound, pitch and intensity, and he described the articulation apparatus, especially larynx, thyroid, arytenoids and the cricoid.

Then he described evidently the Arabic consonants, firstly the stops, fricatives, laterals, rolled, and lately the nasals. After that he described the vowels.

He added to all of this his view about the relation between the sound and the meaning which looks like the view of contemporary semanticists.

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