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لقد



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شكر وتقدير

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.

جزاهم الله عنى خيرا الجزاء

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25-21	:
61-26	:
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34-30	:
37-34	:
41-37	:
51-41	
44-42	3-1
45-44	.4
46-45	.5
47-46	.6
49-48	.7
50-49	.8
62-51	.1
53-52	.2
54-53	.3
55-54	.4
57-55	.5
58-57	.6
59-58	.7
60-59	

108-63	:	
68-66		.1
69-68		.
70-96		.
73-70		.2
76-73		.3
78-76		.4
88-79		.5
91-89		.6
92-91		.7
93-92		.8
93		.9
95-94		.10
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97-96		.12
98-97		.13
101-98		.14
102-101		.15
104-102		.16
105-104		.17
105		.18
108-106		.19

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203-109	:	
103-111	:	
114-113	:	
115-114	:	
117-116	:	.1
119-118	:	
121-119	:	
121	:	
123-121	:	.2
124-123	:	
125-124	:	
126	:	.1
128-126	:	.2
131-129	:	.3
132-131	:	-
133-132	:	
134-133	:	.1
141-134	:	.2
144-142	:	.3
162-145	:	
147-146	:	-
155-148	:	-
158-156	:	-
162-158	:	-
164-163	:	

176-165	:
167-166	-
168-167	.1
167-168	:
169	:
170-169	:
173-170	.2
174-173	.3
176-174	.4
185-176	
178-176	.1
178	.2
180-179	.3
181-180	.4
182-181	.5
185-182	.6
184-183	.7
185-184	.8
185	.9
189-185	
187-185	.1
188-187	
189-188	
190	-
192-191	.
193-192	.
195-194	.
203-196	-

264-204

206-205

207-206

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214-208

210-209

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219-215

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225-221

222-221

223-222

224-223

225-224

227-225

237-227

229-228

231-229

232-231

233-232

235-234

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243-237

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243-242

245	:
247-245	.
249-247	.
264-249	:
251	.1
252-251	.2
252	.3
253	.4
255-254	.5
256-255	.6
257-256	:
260-257	:
261-260	:
263-262	:
264-263	:

308-265	:	
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292-290		.5
297-292		.6
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302-299		.4
308-302		:
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304-303		.2
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304	.	.4
308-305		.5

345-309	:
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334-333	.
338-335	.
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365-346	:
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352-350	.1
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360-353	:
361-360	:
365-361	

393-366	:	
396-367		.1
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373-372		.3
374-373		.4
374		.5
375-374		.6
377-375		.7
378-377		.8
379		.9
379		.10
380-379		.11
382-3780		.12
383-382		.13
383		.14
385-383		.15
387-385		.16
388-387		.17
389		.18
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393-389		.20
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406-403		
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B-D		Abstract

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التمهيد

أولاً: ابن الحاجب، حياته وآثاره

- حياته

- شعره

- تلاميذه

- آثاره

- شروحه

- وفاته

ثانياً: حياة رضي الدين محمد بن الحسن الإستراباذي
"شارح الشافية"

ابن الحاجب (570هـ – 646هـ) (1175م – 1249م)

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"(1)

570

571

(1) . 570

.11 : (1)

.356 :

.17: :

.1/1 :

.138/1

.16-15 :

.250/3 (2)

(1) :

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	.250/3	:	(1)
.189/2 :	.39/2	:	-
	.17:	:	-
	.413/3	:	-
	.323	:	-
.234/5	.86/2	:	-
	.162/1	:	-
	.308/5	:	-
	.352 :	:	-
	.176/13	:	-
	.138/1	:	-
	.234/5	:	-
.69 :	.	:	" (1)
	.248/3	:	(2)
	.127-126/1	:	-

: **.2**

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"1

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371-334

G.W. Freytag

."Darstellung der arabischen Verskunst. Bonn 1830 ":

158-157 :

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A.Haffner

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.(²)(1714

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.6-1 24 : (1)

.30 :

.334/5 (2)

249/3 (3)

.235/5 :

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.(590-538) :

.³

(599-520) :

.⁴

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.301/4

10/13 :

296-293/6

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.498/1

(¹)

(²)

(³)

(⁴)

(618-557) : (605-518)
) (656-591) : (631-551) :
 . (591 -...) :
 .(590- ...) : (598-506) :
 (598-511) : (601-507) :
 (600-522) :
 .¹(637-583) :
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 (656-581) :
 (695-617) :
 .
 : (695-607) :
 (655-...)
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.520/1 : (1)
 .335 323/4 69-67/6
 .16/8 :

2

1310

(1255-1241)

.111/2:

.267-266 :

.29-28

.385-384/1 : (1)

.198/13 -

.26-23 -

.198/13 - (2)

309/5 - (3)

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.¹ 1592

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" 1850 1805 :

1939 :

.³ " "

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.⁴"316"

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.⁵" ()

.309/5 - (1)

.34 : - (2)

.268 : - (3)

.327/5 135/2 : - (4)

.135/2 - (5)

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		. ² 607			
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				. ⁵ " "	
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171	"		" :		
3740					
				.() . ⁶ "	
				:	
				. ⁷	.1
	. ⁹	8		:	.2
				<hr/>	
				.1427/2	- (1)
.334/5					- (2)
				.350/5	-
.211/4	655/1		334/5		- (3)
		.211/4	29 :		- (4)
	.29 :		270 :		- (5)
	.24/4		30		- (6)
				.86/2	- (7)
				.294/1	- (8)
				.655/1	- (9)

.1 : .3

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.³(209)

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" 686 - 1287" .1

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. " 761 -..." .2

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" 1016 -950

-..." .4

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.(715) .6

.(749) .7

.(926) .8

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.28: -(²)

.211/4 -(³)

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	." 879 - ... "	.2
	." 1088 -... "	.3
	." 1098 -... "	.4
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.53-33 :

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.87/2

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(1287 -...)

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	.414/3	-(¹)
	.308/5	- (²)
	.14	-
.323/1		- ³
16		-
	.211/4	-
134 :		-
	.317/6	- (⁴)
	.248/1	- (⁵)

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.111/2

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- (1)

.170/1

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.395/5

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.13-12 /1

- (2)

.3/1

² 683 ¹ 688

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. 646

.28/1 - (1)

.567/1 -(2)

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"Bergstraser"
 "(1) :
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 "(2) :

(69) :

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.11: -1
.67 -2

(170) :

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-205) :

(1)

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" 175

(256

(129)

(89)

(180) :

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(392) :

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.16 :

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.436-431/4

(1)

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"(2)

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(428) :

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.36:

10-9/1

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)19/1

-(²)

.133/2

-(³)

.83 :

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-(⁴)

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(471) :

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(3)

(626) :

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.(4)

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		.95	-(1)
.42			-(2)
		.43	-(3)
.13:	1317		-(4)

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" : (392)

.(1)

.646/4-3	-(¹)
.4/1	-

(170)

" "

¹(180)

²(392)

³(428)

⁶(626)

⁵(538)

⁴(471)

.59 - (1)

.8/1 - (2)

.5 - (3)

.42 - (4)

.43 - (5)

. - (6)

الأصوات العربية وعددها :

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"1 "

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"2 ... "

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"3 :
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	.250/3	- (1)
.88/2 1967 2 :	431/4	-
	.41/1	-
	.126/10	-
	.663/2	-
	.250/3	-(2)
	.57/1	-(3)
	.41/1	-(4)

"1 " (216-) : .1

"2 " :

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.190/1 - (1)

- (2)

43-41/1 665 -663/2 (3)

.172 171 52 :

.192/1 (4)

.194/1 (5)

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 .(631 -)¹

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.23 : - (1)
 .337 : (2)
 . (3)
 .250/3 (4)

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.337/1

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.250/3 - (1)
(2)
. 58/1 - (3)

.1	:				
.2	:	.1			
.3	:	.2			
.4	:	.3			
.5	:	.4			
.6	:	.5			
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.9	:	.8			
.10	:	.9			
.11	:	.10			
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.13	:	.12			
.14	:	.13			
.15	:	.14			
.16	:	.15			

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		.434-433/4	-(¹)
		.489-488/2	-(²)
.404/2	2		

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5	:	.16
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.48-46/1	(¹)
.125-124/10	- (²)
.45/1	- (³)
.260-259	- (⁴)
.48-46/1	- (⁵)

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.(180)

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.2

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.46/2	- (1)
.1967 489-488/2	- (2)
.250/3	-(3)

.3

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"2

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.434/4 - (1)
 .254/3 - (2)
 .255-254/3 - (3)

:(643)

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1" " " " "

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"2

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.124/10	- (1)
.125/10	- (2)

"1

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.2

	.	-	-	:	Bi-Labial	.1
				:	Labio- Dental	.2
		-	-	:	Dental	.3
-	-	-	-	-	Dental Alveolar	.4
		-	-	:	Alveolar	.5
	-	-	:	Palatal	.6	
	-	-	-	:	Velum	.7
				:	Uvula	.8
		-	:	Pharyngeal	.9	
		-	:	Glottal	.10	

.250/3 -(¹)

.315 : -(²)

.79 -

.150-149 -

.225-58 : -

.267-266 -

.156-155 -

.114 -

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.60 : _____ - (1)

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.163 : - (1)

.16 . - (2)

- .Consonants -
- .Short Vowels Long Vowels -
- .¹Semi Vowels -

الحروف الفرعية المستحسنة الفصيحة:

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- .45 - (1)
 - .254/3 - (2)
 - (3)
 - .432/4 - (4)

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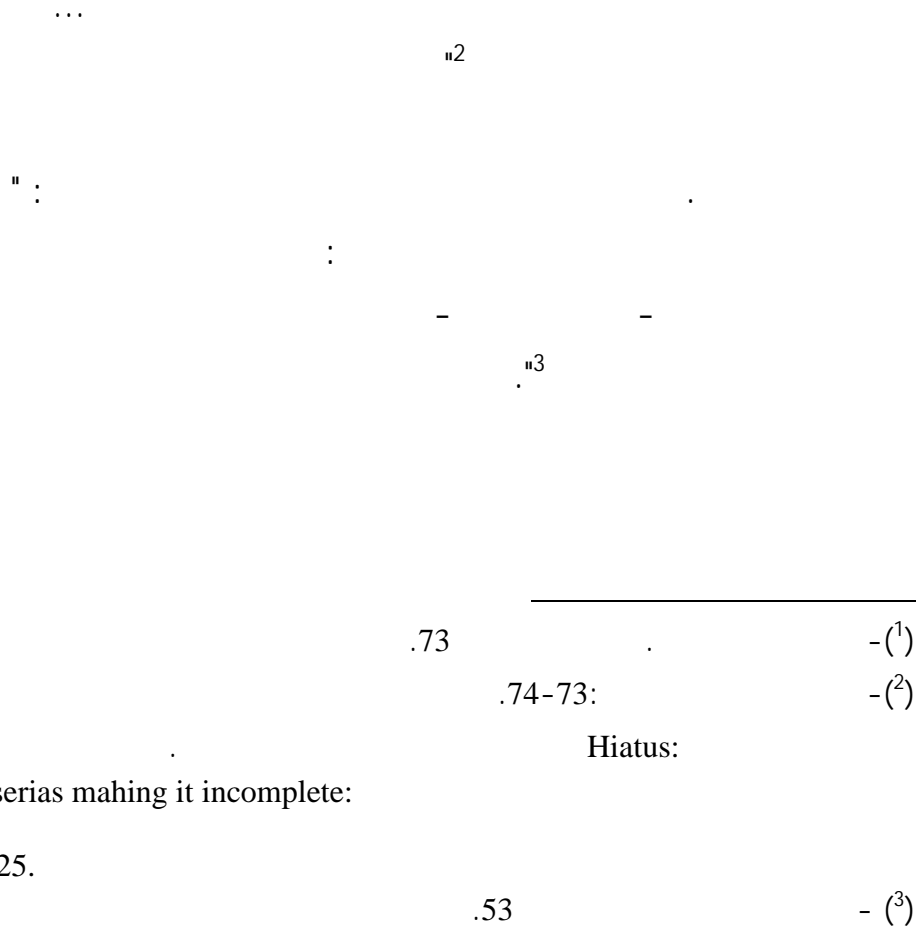
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.(256)

.126/10	- (1)
.192/1	-(2)
: .254/2	-(3)
.52-30/3	-
.348	-
.542-541/3	-(4)

Hiatus :



Hiatus: gap in a series making it incomplete:
- Oxford, p. 409.
- Alkawrid, P. 425.

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"1

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"2

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.190

-(¹)

.254/3

-(²)

.255-254/3

-(³)

.255/3

-(⁴)

.126/10

-(⁵)

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 "1 = :
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.53	-(¹)
.42-41/1	-
.126/10	-
.59	-
.217:	-(²)
.4 -3	-(³)
.117/4	-(⁴)
.53	-(⁵)
2-1	-

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.432/4

.255/3

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.339/1

-(³)

.665/2 :

127/10 :

.50/1

-(⁴)

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Phonemic :"

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Prosodic

u2

u3

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u4

.53

-(¹)

92

-(²)

.334-231

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Oxford Almarid, :. 732

:Prosodic

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.Dictionary, P. 683

Allophone : -(³)

.135

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.121

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.255/3

-(⁴)

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„1 “

Sa/ da /qa – yasduq

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„4

Mas/dar maz/dar maz/dar

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maz/dar

.	– (1)
.478-477/4	– (2)
.50/1	– ³
.127/10	-
.54	– (4)

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 "1 " :
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.as/dar > a dg/dar .

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 "4 .

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"6
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.254/3	-(¹)
.256-255/3	-(²)
.432/4	-(³)
.50/1	-(⁴)
.127/10	-(⁵)
.665/2	-(⁶)

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as/ aal > adg/ aal / <

as aal > adg / aal <

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.254/3 -(¹)

.432/4 -(²)

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.128/10	-(¹)
.666/2	-(²)
.55	-(³)
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.126	-(⁴)
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.254/3	-(⁶)
.256/3	-(⁷)

.122

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128/10

51/1

.432/4	-(¹)
.128/10	-(²)
.666/2	: -
.56	-(³)
.254/3	-(⁴)
.256/3	-(⁵)
432/4	-(⁶)
.667/2	

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(V)

(P)

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.57-56 -⁽¹⁾

.145 -⁽²⁾

-⁽³⁾

-⁽⁴⁾

.198 -⁽⁵⁾

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.256/3	-(¹)
.432/4	-(²)
.128-127/10	-(³)
.666/2	-(⁴)
.55	-(⁵)
.137-136	- ⁶

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.257/3	-(²)
.432/4	-(³)
.665/2	-(⁴)
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.336	-(¹)
.337	-(²)
.254/3	-(³)
.257/3	-(⁴)
.432/4	-(⁵)

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is/ta/ma/cuu < idg/ta/ma/ uu

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.127/10	-(¹)
.666 -665/2	-(²)
.55	-(³)
.256/3	-(⁴)
.127/10	-(⁵)
.666/2	-

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."1

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.1

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"5

Allophones Phones

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."6

	.256/3	-(¹)
.257/3	:	-(²)
	.256/3	-(³)
	.452/4	-(⁴)
.38		-(⁵)
.45 :	.138/10	-(⁶)

. : .2

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. : .3

."1 " ;

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"2

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.217

.257/3	-(¹)
4/3	-(²)

" :
 . :
 "1
 "2 : " :

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 "3
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 " "

.34/2

.432/4	-(¹)
.54/1	-(²)
	-(³)

"(1) "

"(2) " :

" "

" :

-258/3	(1)
.479-478/4	-
.64/1	: (2)
.79	-
.342	-

„(1)

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„ :

„ (2)

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		<hr/>	
		.250/3	(1)
.254	.		-
	.453		-
		.360/1	-
		.41-40/1	(2)
		.218-217/1	-

"1 " :
 "2 " :
 (2)
 " "
 " "
 Voice :

		.257/3	-(¹)
:	128/10:	.259/3	-(²)
:	60/1 :	.434/4	(²)
:	:	.14	671/2

“(1) Breath

(4) (3) : (2)
· (6) (5)

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”

“(1)

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.61	(1)
.434/4	(2)
.60/1	(3)
.262	(4)
.128/10	(5)
.671/2	(6)
.110	(1)

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“(1)

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“(2)

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“(3)

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.122 :

(¹)

.434/4

(²)

.69/1

(³)

(1)

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(2)

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(3)

(7)

(6)

(5)

(4)

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"(8)

"(9)

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"(10)

.671/2	(¹)	
.56	(²)	
.97:	(³)	
.72	(⁴)	
.59	(⁵)	
.110	(⁶)	
.231	.97	(⁷)
	.28:	(⁸)
	.172 :	(⁹)
.25-24 :		(¹⁰)

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"(1)

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"(2)

(3)

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(4)

.152-151 :

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.259/3

(¹)

.489/2 1967 2:

-434/4

(²)

.195/1

(³)

.60/1

(⁴)

.375

671/2

(⁵)

„(1)

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.129/10	(¹)
.14	(²)
.257/3	(³)
.433/4	(⁴)
.124/10	-

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.(1)

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.(2)

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.198

(¹)

.121 :

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.341 :

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.67

(²)

.295 293 278

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“(1)

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“(2)

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“(3)

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“(5)

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“(6)

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.92-90

(¹)

.258/3

(²)

.672/2

-

.260/3

(³)

.434/4

(⁴)

.61/1

(⁵)

.168/1

-

362

46/1

195/1

61/1

(⁶)

.202/2

672/2

93

129/10

“(1)

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“(2)

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“(3)

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“(4)

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“(5) (

	.202/2	(¹)
.24	.	(²)
	.24-23	(³)
	.34	(⁴)
.24:	.	(⁵)
.150	.	: -
	.139	-

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"(1)

"(2)

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"(3)

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" "Affricate Sound"

" "

"(4)

.94

(¹)

.93-92

(²)

.258/3

(³)

.51 :

(⁴)

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"(1)

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"(2)

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"(3)

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"(4)

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.26

(¹)

(²)

.25 :

260/3

(³)

.258/3

(⁴)

435-434/4

(⁵)

(1) :
 (6) (5) (4) (3) (2)

... " :
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 "(8)

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(9)"
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.194/1	(¹)
.61/1	(²)
.46/1	(³)
.94	(⁴)
.128/10	(⁵)
.202/2	(⁶)
.672/2	(⁷)
.262 :	(⁸)
.25 :	(⁹)
.26	(¹⁰)

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"1

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.50

- (¹)

.64

: (²)

.137

(³)

.122

(⁴)

.107-105

(⁵)

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.141

" :
"(1)

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"(2)

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(3)

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"(4)

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"(5)

	.258/3	(¹)
	.260/3	(²)
	.261-260/3	: (³)
.61/1		.435/4 (⁴)
	.673/2	(⁵)

u(1)

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u :

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u(2)

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u(3) Semi Vowels :

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(4)

.262/1	(¹)
.156	(²)
.169	(³)
.71	(⁴)

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(1)

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... " :

(2)

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“(3)

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“(4)

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“(5)

.181

	(¹)
.261/3	(²)
.435/4	(³)
.63/1	(⁴)
.490/2 1967	
.673/2	(⁵)

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“(1)

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“(2)

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“(3)

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“(5)

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“(6)

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(¹)

.107

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.48

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.48

(²)

.261/3

(³)

.435/4

(⁴)

.490/2 2

-

.129 /10

(⁵)

.674-673/2

(⁶)

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“(1)

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.56-55

.258/3

.261/3

.435/4

.196/1

.674/2

(¹)

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(⁴)

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(⁶)

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.(1)

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.55

.261/3

.435/4

.169

.436-435/4

(¹)

(²)

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(⁴)

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"(1)

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(vowels)

"5

.151

.31-30

.27

.436/4

.58-57/1

674/2

(¹)

: (²)

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- (⁵)

" :
: (Vowels)

"1

(Vowels)
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(Semi Vowels)

"2
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.(Semi Vowels)

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"3
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.42 -⁽¹⁾

: -⁽²⁾

.170-169 . -⁽³⁾

.323 -

:"
"1

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" :
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"2

:" "

.qaw/mun baytun : : " .1
.yaa/sir waa/ id : .2

"3

.108 : -(1)
.133-132 : -
.31 -(2)
.32-31 -(3)

(liquids)

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"1

.228 :

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"(1)

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"(6)

.258/3	- (1)
.436/4	- (2)
.61/1	- (3)
.16-15	- (4)
.262/3	- (5)
.116	- (6)

“(1)

” :

(2)

“(3)

.89 - (1)

.63 -

.154 -

.258/3 - (2)

. - (3)

.62/1 -

.152 -

“(1)

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(1)

” .255/3 - (1)

(56) 162 -

.258/3 - (2)

.262/3 - (3)

.490/2 1967 2 436/4 - (4)

.62/1 - (5)

.99-98: - (6)

.129/10 - (7)

.342 2 ” - (8)

" :
 " " " (2)
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 " : " (3)
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 " (4)
 (5) :
 : " : (7) (6)
 ...
 "

	.674/2	- (1)
	.230-229	- (2)
	.258/3	- (3)
	.62/1	- (4)
.675/2	262	.129/10 - (5)
	.262	- (6)
	.675/2	- (7)

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"(1)

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"(2)

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(3)

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(5) (4)

"(6)

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...

"(7)

.93 :	- (1)
.258/3	- (2)
.262/3	- (3)
.62/1	- (4)
129/10	- (5)
.675/2	- (6)
.67	-
.132	-
.99 :	- (7)

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:(1) :

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:(4)

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.258/3	- (1)
.262/3	- (2)
.58 52/1	- (3)
.64/1	- 4
.130/10	- 5
.262	- 6
.677-676/2	- 7

„(1)

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„(2)

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„(3)

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„(8)

.79

- 1

.258/3

- 2

.262/3

- 3

.58/1

- (4)

.65-64/1

- (5)

.45/1

- (6)

.676/2

- (7)

.279:

- (8)

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" (1)

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" " (2) "

" (3)

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" (4)

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" (6)

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" (7)

" (8)

.258/3	- (1)
	- (2)
.263/3	- (3)
.174/4	- (4)
.129/10	- (5)
.675/2	- (6)
.676/2	- (7)
.128	- (8)
.22	-
.196/1	-

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(1)

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"(2)

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"(3)

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"(4)

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.204-203/1 -

.278-277 -

.202 -

.202 - (1)

.258/3 - (2)

.464/4 - (3)

.100-99 - (4)

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.(1)

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Hertz (3000)

.(2)

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.(3)

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.(4)

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.(5)

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.94:

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-(¹)

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.78

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.16/1

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.145

-(²)

.258/3

-(³)

.261/3

-(⁴)

.58/1

-(⁵)

" : "(1)

"(2)

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"(3)

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"(4)

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"(5)

" :

"(6)

" :
"(1) "

.435/4	- (1)
.436-435/4	- (2)
.261/3	- (3)
.436/4	- (4)
.102-101:	- (5)
.674/2	- (6)

" " " :
 : Kitaabii Katabuu " :
 .⁽²⁾/ii/ /uu/ : Pure Vowels
 .qaala : /aa/

/w/

/y/

/uu/

/ii/

"

" " " :

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" :

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."⁽³⁾

.

" :

Phonetic :

(aa) (a:)

transcription

(=)

qaal :

."⁽⁴⁾

Kataba

.258/3

- ⁽¹⁾

.198

- ⁽²⁾

.117-109

-

.73

- ⁽³⁾

.84

- ⁽⁴⁾

.86-85

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" :

(vowels)

.(1)

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Vowels

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.(2)

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.(3)

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.(4)

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" :

(5)

_____ .42 - (1)

.86 . - (2)

.258/3 - (3)

.264-263/3 - (4)

.435/4 - (5)

" :

"(1)

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" : Lateral feature

"(2)

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" ...

"(3)

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"(4)

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"(5)

" :

678/2

130/10

63/1

-(¹)

.107

.48-47

-(²)

.144:

-(³)

.203

-(⁴)

.258/3

-(⁵)

" :

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"(1)

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(2)"

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"(7) ...

(9)

(8)

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.20/3	- (1)
.264/3	- (2)
.435/4	- (3)
.48:	-
.63/1	-(4)
.230/2	- (5)
.107	- (6)
.106:	- (7)
.130/10	- (8)
.675/2	- (9)

...

...Trill

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u(1)

vibrant

u(2)

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u(3)

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u(4)

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u(5)

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u(6)

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.86	- (1)
.104:	: -
.258/3	- (2)
.264/3	- (3)
.261/3	- (4)
.58-57/10	: -- (5)
.436/4	- (6)

(1)

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"(2)

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Semi-)

(Semi-vowel)

.(consonant

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.(3)

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"(4)

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"(5)

.674/2

- (1)

98

.32

- (2)

.330:

- (3)

.99-95:

-

.258/3

-(4)

.264/3

-(5)

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“(1)

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“(2)

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“(3)

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“(4)

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“(5)

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.64/1	- (1)
.131/10	- (2)
.676/2	- (3)
	.57/1 - (4)
.224	- (5)

„(1)

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: .1

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: .2

„(2) “

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.225-224:

.27

.42 - (1)

.38-34/1 -

- (2)

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.4
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 "5
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 "6

203/12	-(¹)
.225/2	-(²)
.235/3	-(³)
234-233/3	-(⁴)
.388-387	
.417/4	-(⁵)
.139/2	-(⁶)

: " " :
"1
.

... " :

. 2 :

" " :

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. 3 "

" :

. "4

"Complete Assmilation" :

" :

. "5

.197/1	-1
.121/10	-2
.631/2	-3
.387	-4
.134	-5

1

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"

„2

" :

„3

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" :

„4

...

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.207

-(¹)

.345

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.301

-

.207

-(²)

.388-387

-(³)

239-238/3

-(⁴)

“ : ”

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“1

“2

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“3

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“4

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“5

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.530/3

-(¹)

.632-631/2 :

.121/10 :

.198/1 :

-(²)

132

-(³)

.387

-(⁴)

.299

-

.234/3

-(⁵)

" :
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 "1
 ...
 "2
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 "4 " ... "3
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 .1
 "5 - - .2

	.234/3	-(¹)
	.443/4	-(²)
	.140-139/2	-(³)
.631/2	.123/10	-(⁴)
	.387	-(⁵)

: .1

." "

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."1

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."2

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."3

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."4

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234/3

-(¹)

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.44/3

-(²)

.446/4

-(³)

.204/1

-(⁴)

" :

: "1

"2

"3

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" :

"4

"5

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(aa) :

"7

" "6

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.136-134/10 -⁽¹⁾

.679/2 -⁽²⁾

.548/3 -⁽³⁾

.72 . -⁽⁴⁾

.74 -⁽⁵⁾

.77 -⁽⁶⁾

.75 -⁽⁷⁾

"1 " :

" :

" :

"2

:

.1

.Sadada-->-- Sad da

.2

: " " :

'is /taq /ra /ra > 'is /ta /qar/ ra " "

:

.ra /da /d a > rad /da

:

radda

:

:

"

:

:

"3

.ta muu d du < mad / da < ma / da /da

.234/3 -⁽¹⁾

.240/3 -⁽²⁾

.246/3 -⁽³⁾

:

.()

()

()

()

" :

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"1
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: .1

"2
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"3
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.() -

.() -

.() -

.() -

.109 : : -

.161 : : -

.167-166 : : -

.234/3 -(¹)

.395/4 -(²)

.139/10 -(³)

."

":

."

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.2

.it /taa/raka ta /taa/ra/ka :

.

.3

() " "

:

qit/ ta /luu > 'iq tata luu

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.4

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...

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."1()

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...

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233: 246/3 -(1)

„1

„ :

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...

:

Yar /didi < lam yar dud < „2

u'r/ du/d

„ :

„3

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-2

„ :

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„

.....

-

:

„4

.247/3	- ⁽¹⁾
.657/2	-
.244/3	- ⁽²⁾
534/3	- ⁽³⁾
.535/2	: -
33: 245/3	- ⁽⁴⁾

":

: :

: ...

."1

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.1

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"

."2

ta/

:

ak/ ka/ ru<ta/ta/ ak/ka/ru

":

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."3

:

"

.122-121/10 -⁽¹⁾

.637-636/2 -⁽²⁾

.240/3 -⁽³⁾

u1

rad/dda :

:

":

u2

" + "

":

u3

ra/dad/tu :

"dd" :

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u4

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.535/3 -⁽¹⁾

.41 -⁽²⁾

.253/4 -⁽³⁾

.234/3 -⁽⁴⁾

" :

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"1

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"2

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"1

.425/4

-(¹)

.635/2

122/10

-(²)

.245/3

-(³)

" :

"2

" :

"3

"4

"

"

"5

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"

6"

-(¹)

.237 :

-(²)

.375

-(³)

121/10

442/4

248/3

-(⁴)

.656-652/2

.()

-(⁵)

.250/3

-(⁶)

: .1

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.1

1

'it taa ba 'a < ta taa ba 'a :

+ + + " :

"

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: .2

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:

.qat/ ta/la < 'iq/ ta / ta/ la

.

" :

....

"2

"

"

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_____ .638-637/2 -¹

.443/4 -(²)

.371

-

:

1"

" :

qit ti luu :

:

" :

...

"2

:

:

" :

...

-

'iq/ta /ta/ta > qat/ta/ta> qot/ta /ta "3

:

:

.

:

-

:

:

-

.

" :

:

:

-

"4

:

.640-639/2

-(¹)

.443/4

-(²)

122/10

-(³)

.285-284/3

-(⁴)

.659-658/2

-

:

.

" :

"1

:

2

3

:

:

"

.

.234-233/3	-	(¹)
.449-447/4	-	(²)
.140-139	-	(³)
.203/1	:	-
.121/10		-
.663/2		-

.consonants

.Vowels

:	:	:	
1	:	:	.1
.	:	:" "	.2
.	:	.()	.3
.	:	:()	.4
.	:	:	.5
.	:	:	.6
.	:	:	.7
.	:	2	

Vowels :

3
 .
 ...
 " :
 "4
 .

	.258/3	- (1)
.4-3:		- (2)
.4:		- (3)
	.420/4	- (4)

" : (249)

"1

"

"2

3

" :

:

"4

:

:

:

:

.

:

-

:

-

5

:

-

() .

:

5

.208

.83-82/2

-(¹)

544/3

-(²)

-(³)

-(⁴)

.250/3

-(⁵)

:"aa"

: .1

" :
"2

" :

"1

"" ""

3

" :

"

"4

" :

"

"

"5

...

()

"aa" :

" :

..."

"

"

"

"

:

"

"6

.234/3	- (1)
.276/3	- (2)
.446/4	- (3)
.633/2	- (4)
.679/2	- (5)
.168	- (6)
679/2	-

: .2

" :

" "1

"2

: "3 "

"4

" :

"5

:

:

.264/3	- (1)
.265/3	- (2)
.264/3	- (3)
.449/4	- (4)
.55/1	- (5)

"1
 ...
 "2
 "3
 :
 "4
 = +

i bah ha/tuu /daa < i / bah / a/tuu/daa

"5
 d3 bah = + ... "6 " :
 hatiman < 'd3 bah haatiman

"7
 :
 :
 "8

.358 :	131/10	.197/1	- (1)
		.378 :	- (2)
.299 :		388 :	- (3)
		.243	- (4)
		.265/3	- (5)
			- (6)
		276/3	- (7)
		.449/4	- 8

1

(:) : " (+)

"2

() ()

(Assimilation)

" = + "3

"

: :
idg/bahhaa/ti/man < 'idg bah / haa/ ti/ man

. regressive assimilation :

4

(+)

:

.Progressive assimilation :

Progressive

_____ -1
.680-679/2

.207/1 -2

.183-182: -

.6: : -

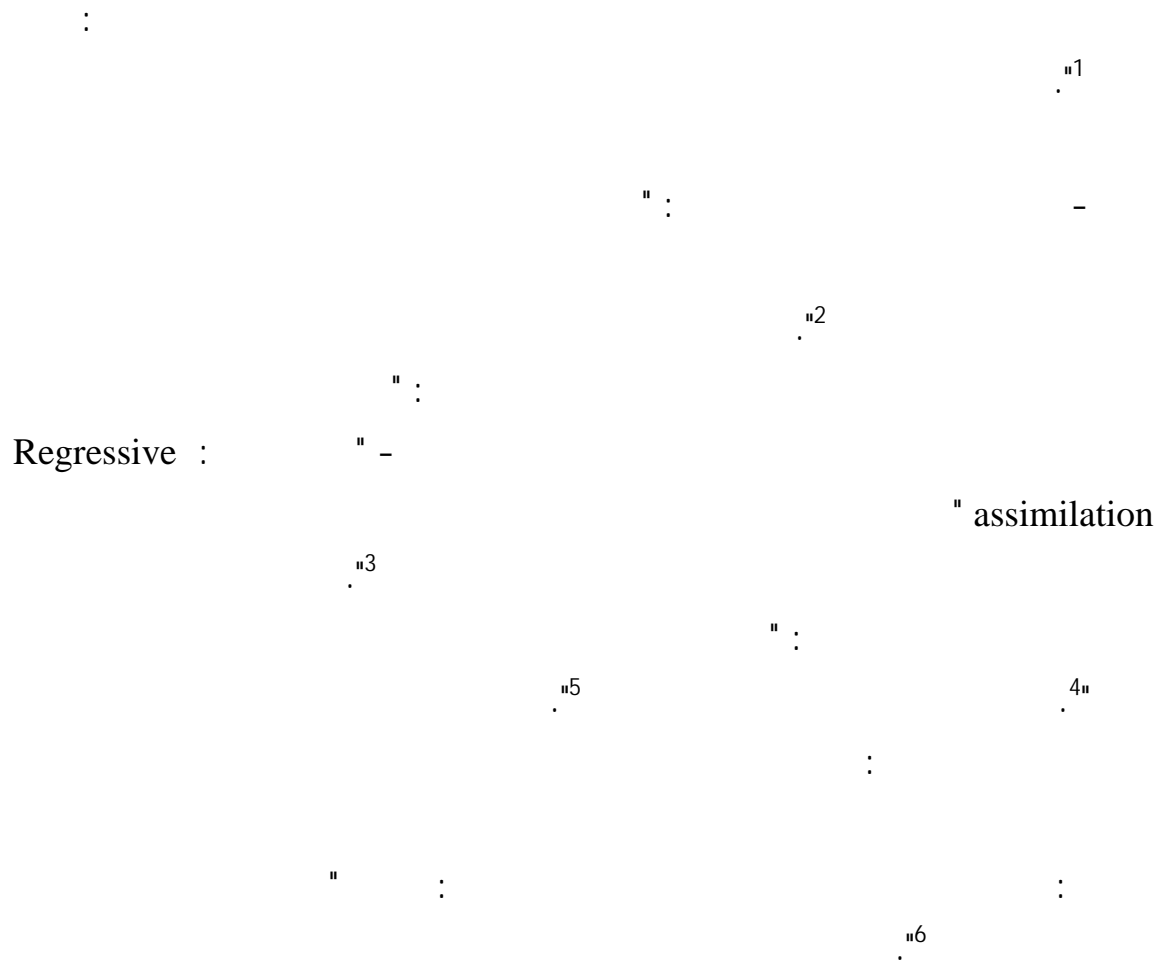
.378: -3

.681-680/2 : - (4)

:
 :
 : -
 : -
 : -
 1 .2
 :
 " "
 :
 " :
 "2
 :
 " :
 "3
 "4
 :
 " :
 "5
 :
 ma/

hum < mah/hum, mac/hum

.265/3	- ⁽¹⁾
.445/4	- ⁽²⁾
.123/10	- ³
.243	- ⁽⁴⁾
.137 : 264/3	- ⁽⁵⁾



.450/4	- (1)
.55-54/1	- (2)
.138	- (3)
.681-680/2	- (4)
.139	(5)
.266/3	- (6)

$$= +$$

$$:$$

$$= = .1$$

"1

(id3/ bah/hut/bah <id3 /bah/'at/bah)

$$: - = " .2$$

"2

'iq/th/hi/laa/lan < 'iq/tah/hi/laa/lan < 'iq/tac/hi/laa/lan

" :

()

: "3

'iq/th/ha/ baa < 'iq/tah/ha/ aa < 'iq/tac/ha/ aa

: " :

:

.285	- (1)
.	- (2)
.681/2	- (3)

...

. 1

" :

2

: "3

(_____ +) : / <-- +
" :

: "4

: " :
"5

.450-449/4	-(¹)
.208-207/1	-(²)
.137/10	-(³)
.276/3	-(⁴)
.451/4	-(⁵)

" :

„1

" :

:

.

()

„2

" :

:

„3

.

:

„4

„5

" :

:

" × " :

.208/1	- (1)
.136/10	- (2)
.684-682/2	(3)
.682/2	- (4)
.277/3	- (5)
.451/4	-
.285 :	-

$$- \quad / \quad : \quad _ \quad + \quad) : / \quad + \quad _ \quad + \quad .3$$

$$. (\quad +$$

" :

... :

... " :

...

„2

" :

...

...

3

" :

...

...

...

„4

.276/3 - (1)

.278-277/3 - (2)

.451/4 - (3)

.209/1 - (4)

" :

.

" " " :

"1

.

:

:

" 2

:

:

"

"

"3

:

:

:

(<-- +) = +

	<u>.683/2</u>	- (1)
.280/1	.451/4	- (2)
	.684/2	-
.286	:	- (3)

.Velum :

.

:

(<----- +) <---- +

:

:

: :

.Uvula :

Soft : velum

.Palate

:

" :

" :

"1

... :

"2

:

:

" :

.

:

.

"3

"4

"

:

"5

.278/3 -⁽¹⁾

-⁽²⁾

.452/4 -⁽³⁾

.685/2 : 138/10 : 209/1 : -⁽⁴⁾

.138/10 -⁽⁵⁾

: : . "

 : = =

 . "1

 :

 ----- +) <----- +)

 (

 :

 : < :

'il/hak / kildah < 'il/haq / kil/ dah

 <----- +

(+)

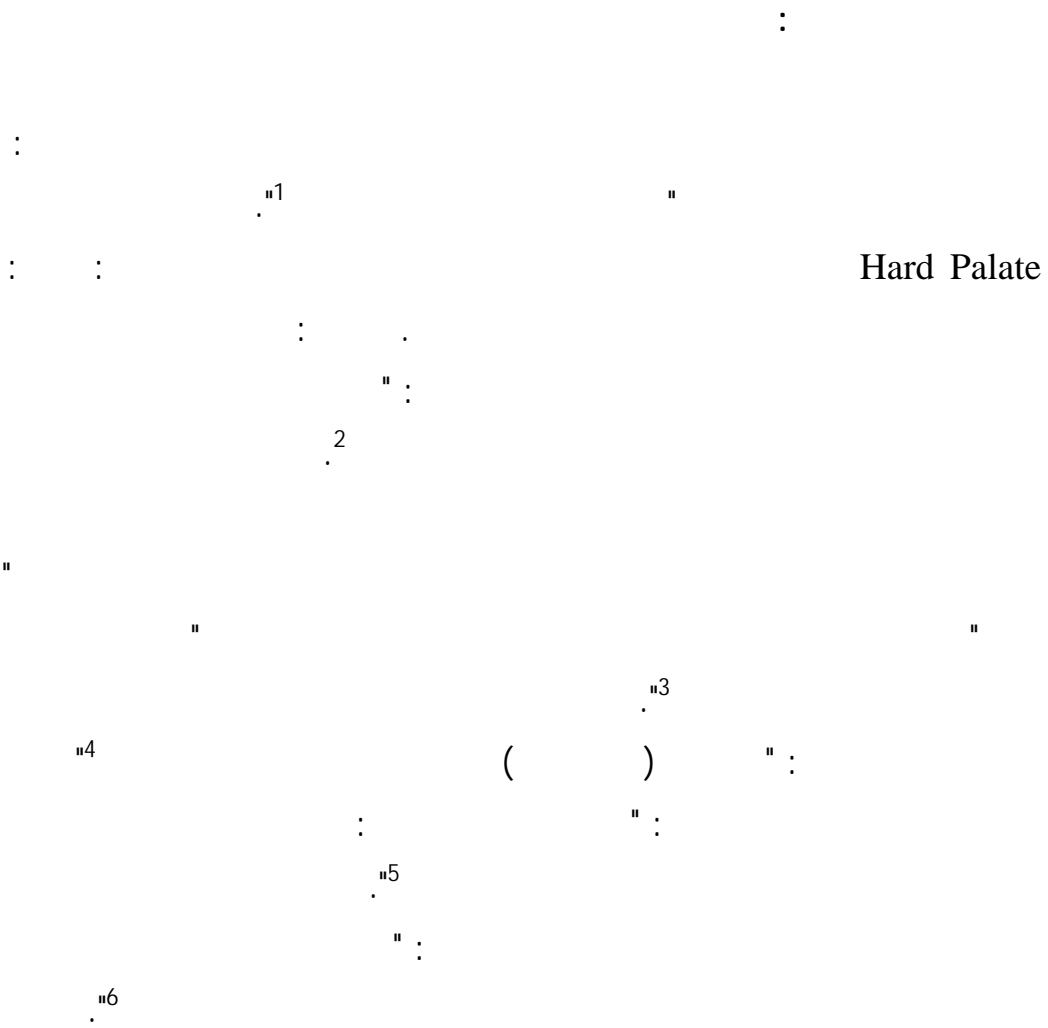
: "

 'in/haq/qa/ta/nah < 'in/hak/qa/ta/nah

.²

.286 : - (1)

 .278/3 - (2)



$$= \frac{.250}{3} + \frac{.278}{3} = \frac{.528}{3}$$

$\frac{.250}{3}$	- (1)
$\frac{.278}{3}$	- (2)
$\frac{.269}{3}$	- (3)
$\frac{.270}{3}$	- (4)
$\frac{.452}{4}$	- (5)
$\frac{.211}{1}$	- (6)

:

(<-- +) <--- +

:

:

:

'ib/cas'/s'ab/ an < 'ib/cadg/ sab/ an

.

<--- +

/

"2

"

-

-

-

3

":

"4

":

"5

.286 :	- (1)
269/3	- (2)
.687-686/2	- (3)
.446/4	- (4)
.211/1	- (5)

" :

"1

()

" :

(+)

.qawm : bayt :

2

"

"

" "3

"4

.139/10	-	(¹)
.689-686/2	-	
.170 :	:	-(²)
.269/3	-	(³)
.271-270/3	-	(⁴)

"

":

:

"1

:

/ - - - - +

)

lam/yar/bidg/dga/ma/lan<lam/yar/bit/dga/malan. (

" :

"2

/ - - - - +

" :

"

qadg/dga/ca/la < qad/dga/ca/la

.138/10 - (1)

.363 - (2)

. / ----- +

: *

.wa/dga/badg/dgu/nuu/bu/haa< wa/dga/bat/dgu/nuu/bu/haa

: *

: / ----- +

: *

:

Ih/fadg/d3/bi/ran< ih/fa /dgaa/bi/ran

: *

Hard

Dental :

.palate

: / ----- +

: *

"

: :

.'in/bid3 / d3ac/fa/ran < 'in/bi /d3ac/fa/ran

: *

" + "

: / ----- +

:

: *

:"

":

.'id/cad3/d3 aa/mi/can < 'ib/ca /d3aa/mi/can

:

: *

.

: ---- +

:

.

:

Lam/ yar/bis /sib/ tan < lam /yar/bit /siblan

: --- +

. :

'in/ cas saa / kir < in / cat / saa / kir

: ----- +

'ch/ fas " " :

saa/ki/ran < ih /fa /saa/ ki/ rar

: --- +

· :
'in/bis/sa/raa/ban < 'in /bi /sa/raa/ban

: ---- +

· " " :
Lam / ya/ rissay/ an < lam/ya /rid / say an

: <--- +

lam/ya/ris say

./an < lam/ya /ri / say/ an

: <--- +

'as

· 'al/sam /su :

./sam/su

"1 " " :
 :
 "3 " : " : 2
 " ...
 "4 :
 " :
 "5
 6
 :
 say/yid< --- say/wid
 " "
 :

	271-270/3	- (1)
686/2	271/3	- (2)
	.585/2	- (3)
	.271/3	- (4)
	.453/4	- (5)
	.139/10	- (6)

" :

"

"1

"

"

" :

"2

lay/yah

tay/yh

----- tawy

()

3

" :

"4

: <----- +

...

" :

" :

"5

:

...

:

"6

.20

-(¹)

.271-270/3

78/3

-(²)

.20

-(³)

.190

-(⁴)

.269/3

-(⁵)

.273/3

-(⁶)

”：

“1

”：

)

”：

“2

(

“3

may/yuu/qin

< man/yuu/qin < :

:

:

()

”：

“4

.453/4 - (1)

.140-139/10 - (2)

.689/2 - (3)

269/3 - (4)

" :

...

"1

:

.1

.2

.3

.2

" :

:

"3

5

4

:

6

:

.(< --- +) < --- < --- +

. < -- < -- :

.283-282/3 - (1)

.690-689/2 269/3 - (2)

.292 : 470/4 - (3)

.212/1 - (4)

.140/10 - (5)

.690/2 - (6)

" : It /ta /dga/ca/ 'id/ta/dga/ca/ 'id/ta/dga/ca

...
"1

" :

"2

4

3

:

(< --- +) < --- < --- +

. had/dal/la/zay/dun< hal/dal/la/zay /dun

" :

6

"5

:

.465/4	- (1)
.279/3	- (2)
.140/10	- (3)
.691/2	- (4)
.205/1	- (5)
.18	- (6)

:(< --- +) < --- +

."1 " :

: :

'ib/cad/ dar/mah < 'ib/cao/dar/mah

(< --- +) < --- < --- +

" :

"2 :

.

"

(< --- +) < --- < --- +

;id/bid/dar/mah < 'id /bit/dar/mah

.23 - (1)

.465/4 - (2)

" " " " :

.292 : -

.701/2 -

(<-- +)<-- <-- +

:¹

'ih/fad/dar/mah < 'ih/fa /dar/mah

.²

(< --- +) < --- < --- +

"³

: :

Xud /day/ fak < xu /day fak

(< --- +) < --- < --- +

:

.qadt/da/cu/fa < qad/da/cu/fa

465/4 - (1)

- (2)

.13 - (3)

„1

:

„ :

„ :

...

„2

:

„

„

...

„3

:

:

„

„ :

...

:

„4

.264/3	-(¹)
.266/3	-(²)
.482-481/4	-(³)
.153-152/10	-(⁴)

< --- +

:

.Sid/tun :

(<-- +) <-- +

< :

.sit/tun < sid/tun

"1

"

" :

"2

.716-715/2

-

.264/3

-(¹)

.295 :

-(²)

•

:

Labio- Dental

Bi-Labial

"

"

"1

"

"

"

:

:

"2

" :

"3

" :

" :

:

"4

" :

...

:

"5

:

.269/3	-(¹)
.280/3	-(²)
.283/3	-(³)
: 448/4	-(⁴)
.147/10	-(⁵)

(< --- +) <-- +

. < :

'is ham ma ta ran < 'is/habmata ran

<

'id/rim maa/li/kan < id/rilb/ maa/li /kan

" :

„1

:

.1

" :

"

„2

" :

„3

136

. -(¹)

.280/3 -(²)

.272/3 -(³)

.216-215/1

: " " -
 . -
 . -
 " " -
 : " ... " -
 ...
 "1
 2 : " " : 3
 <--- + :
 <---

mar/raa/sid < man/raa/sid

.135-133/1
 .453-452/4 -⁽¹⁾
 .144/10 -⁽²⁾
 .701-676/2 -⁽³⁾

< : <---- +
 :mal la hu < man/la/hu

: <---- +
 <---- :
 Mim/man haa aa < min /man/ha/ aa

: <---- <---- / +
 < maw/waa/qid < man/waa/qid < :
 . ma/ya/ hab < man ya hab

1
:

":

:

"nazalisation"

"2

:

" "

: .2

<-- +

":

"

.61-60

" "

- (1)

.61-59 - (2)

Nazalisation

.123

.1

:

:

.2

:

:

mam/bi/ka < man/bi/ka

'sham/baa, < 'san /baa,

am/ bar < 'a n/bar

" :

:

:

:

...

.3

.61

216/3

- (1)

.453/4

- (2)

.145/10

- (3)

.697/2

-

" :

Ka/ta/nu/muu/saa .^{"1}

"

:

:

" :

"2

()

" :

" " " "

" ... "

"3

" :

(Regressive)

...

"4

.145/10 -⁽¹⁾

.61 . -⁽²⁾

.209 : -⁽³⁾

.24 : -⁽⁴⁾

.134/1 -

<-- +

.cam /bar < can /bar <

: .3

" :

."1

"

."2

3

.

" :

...

."4

.273/3	-(¹)
.454/4	-(²)
.145/10	(³)
.699/2	:
.57	-(⁴)

.
 " " : .4
 "1 " :
 :
 : .1
 .
 : .2
 "2
 " :
 "3
 "4 " :
 " :

	.280/3	-(¹)
	.272/3	-(²)
.53		-(³)
	.134/1	:
	.273/3	-(⁴)

„1

“ :

“

„2

“ :

“ ...

„3

:

:

: “

„4

“

:

„5

.454/4	- (1)
.145/10	- (2)
.241	- (3)
.243	- (4)
.59	- (5)

·
" :

·
"1

·
"2
·

·
·

Dental :

Dental Alveolar :

"

·

·
"3

·
.**1**

:/ / < --- +

· :
· :

fa/ra/tu /taa /rim < fa/r a/ tu / daa/ rim

.58	- (1)
.280/3	-(2)
.281/3	-(3)

-

-

.

" :

"1

" :

"2

"

3

"4

'id/bit/tu/laa/mah < 'id /bit/du/laa/ mah <

: < --- + *

< :

-
- . - (1)
 - .460/4 - (2)
 - .701/2 - (3)
 - .146-145/10 - (4)

()

„1 : „:
'in qut taa li ban < inqud / taa/ li /ban

“ :
„2

.2

: < --- +

“

...

.far/ tu /taa/ bil < far /tu / aa/bil :

“ :

“

.4

„3

“

„5

:

: < --- +

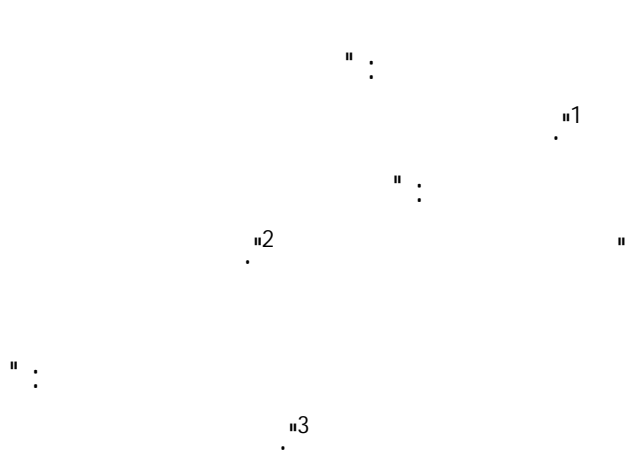
na/ ba / aa rid < naba / /taa/rid

“	“	460/4	-(¹)
.		.705/2	-(²)
		.280/3	-(³)
		.281/3	-(⁴)
		.448/4	-(⁵)

: .3
: < --- +

:

.hut /tu / hum > hu/ta/hum . < ---



: M. Grammont :

."4 . "

.460/4 -(1)
.706/2 -(2)
.120 : -(3)
-(4)

: < --- +

" :

"1

"2

" :

"

"3

" :

:

"4

:

-

:

Assimilation

"

"

<

:

'in/cat/taa/li/ban :

'in /cat/ taa/li/ban<

: .4

: < --- x *

- -

.280/3 -⁽¹⁾

.281/3 -⁽²⁾

460/4 -⁽³⁾

.146/10 -⁽⁴⁾

"

< -- "1

Far/ tu taa/lim < far/tu / aa/lim

- -

: < --- x

:

al / arid < al u /tarid

: .5

"2

" :

"3

...

" :

" :

:

"4

...

.90	- (1)
.280/3	- (2)
.281/3	- (3)
461/4	- (4)

:
 :
 "1
 :
 : < --- +
 -
 .

. < :
 'in/cad du/laa mah < 'in/cat /du/laa/mah
 Sa/kad/daa/rim < sa/ka/ta daa/rim

: < --- +

:

'un / qut/ti/k < 'un/qud/ ti/lk

: .6

" :

"2

" :

"3

.146/10	- (1)
.280/3	- (2)
.281/3	- (3)

" :

:

u1

:

" :

:

:

u2

: / < --- +

:

<

'ih/fa / aa/li/ka < 'ih/fa / aa/li/ka

: < --- +

"	" "	" .462/4	- (1)
		.146/10	- (2)
		.704/2	-

. < :

Xu / aa /li /man < xu / aa/li/man

.
: / < --- +

" :

. "1

:

<

'ib/ca aa /li/man < 'ib/cao / aa /li/man

. < :
: / < --- +

:

'ih/fo/aaa/bi/taan < 'ih/fa /aaa /bi/taan.

<

.180 : - (!)

“1

” :

: < -- + < --- +
“2 ”

(×)

:

:

'ib/ca / aa/li/ka < 'ib/cao / aa/li/ka

. < :

Xu aa /bi tan < xu aa/bit/tan

:

:

“3

” :

:

”

” :

“4

“1

.706/2	- ⁽¹⁾
.462/4	- ⁽²⁾
.484/4	-
.280/3	- ⁽³⁾
.280/3	- ⁽⁴⁾

":

:

()

()

u²

" :

...

u³

:

:(<--- +) / <--- / +

<

<---

:

:

'if/has saa/mi < 'if/has / saa /mi
if/ haz zaa/hir < if/has zaa /hir

.283/3 -⁽¹⁾

461/4 -⁽²⁾

.708-706/2 -

.146/10 -⁽³⁾

- -
 :
 .
 : .2

: " " :
 "1
 " :
 "2 : "

" :
 "3
 :
 (<--- +) <--- +
 < :

'aw/d3is saa/bir/ < 'aw/d3iz/saa/bir

	462-461/4	-(¹)
	.146/10	-(²)
	.708/2	-(³)
.291-290		-

" :

"1

(<--- +) <--- +

- -

:

'ih bis saa /bir < 'ih/bis/saa/bir <

: **.3**

"2

" :

:

" :

"3

"

" :

:

"4

10

-(¹)

.Salman Al-Ani: Arabic Phonology, p.30

.280/3 - ²

462/4 - ³

.146/10 - ⁴

'ih/biz za/ra dah < 'ih/bis/za/ra/dah <

:(<--- +) <--- +

.rus sa/la /mah < ruz/sa /la/mah < :

:

:

:

:

-

„1

” :

„2

” :

:

” :

Wa/ ta/ da . 3^u

” :

. 4^u

”

”

:

”

”

um/mu/la – un/ mu/la

:

:

. 5^u

”

.266/3	- (1)
.267/3	- (2)
.474/4	- (3)
.711/2	- (4)
.267/3	- (5)

" :

1"

:

" "

" " :

2

" " " " :

:

":

" "

:

" "

.

"

:"

:

-

:

Wa/ta/daan- ya/tid/du- wa/ta/da

:

.wad/da - :

:

"...

"

"3

...

-

.712/2 : - (1)

.712/711/2 - (2)

.288-287 -

.334 -

.268/3 - (3)

:

:

:

1^u

:

"

2^u

" "

" "

" :

" " "

3^u

" " " "

.(<--- +) <--- <--- +

'im/ma/haa < :

< 'in/ma/haa

" - "

.482/4	- (1)
.712/2	- (2)
.715/2	- (3)

:
 " " " " "1 " "
 .2" ... : " :
 : " :
 : ...
 : (:)
 ()
 " : "3
 ...
 : ...
 .4" .
 .5" " :
 (<--- +) <--- +
 -

;it/daa/nun 'id/daa/nun < wad/dun < wat/dun <

.266/3	- (1)
.269-268/3	- (2)
.482/4	- (3)
.153/10	- (4)
.715/2	- (5)

:

:

.

:

.

:

.

:

:

.Semi Vowels :

Vowels :

.

:

" :

:

1"

" :

2"

:

:

" :

:

" :

"1

2"

.197/3

- 1

.9: 1960

- 2

" :

3"

. :

" :

4"

:

:

" :

5"

:

) .

:

(

" :

:

6"

7"

"

8

9"

" :

:

"

" :

				.460/1	- 1
				.461	- 2
			.143 :		- 3
		.2 :			- 4
		.233-203 :		199/3	- 5
				241-247/4	- 6
			.410/1	.199/3	- 7
			()		- 8
.415-410/1	319/1	360 :		2	- 9

" : " ...

:" :

:

.1

.2

.3

„1“

„2“ : „ : :

.. „ : :

„3“ :

„ : „ : :

„ : „

„4“

.172 - - : 207/3 -₁ -₂

.352/1 : -() . -₃

.117-115 : : .208-207-3 -₄

107-106/1

" : "

1"

- -

"

" : :

- -

" "

:

:

3 "2

:

:

:

" :

4"

" :

5"

:

...

" :

6"

:

	.72/1	- ¹
	.352-320/1	-
.133-132 :		- ²
	.352/1	- ³
	.208/3	- ⁴
	.209/3	- ⁵
	.238/4	- ⁶

" :

1"

2

3"

4"

5

"

409-406/1

21-20/10

404/1

.664/2

21-20/10

.209-208/3

.209/3

680-675/2

-1

-2

-3

-4

-5

15

:
.la/nas/fa/can zay/dn :

.1

la/nas/fa caa- id/rubaa-zay daa :
la nas fa can-idraban-zay dan :

:

"

.

:

... :

" :

2"

:

: ..

/3"

" :

4"

.69/9 : -1

.203/3 -2

: " " 208/3 -3

.240/4 -4

```

" :
" " " "
1" "
" " :
" "

> "maah" :
"maa'"

" :
2"
.

3
.
:
" :

4" "
" " :
" " " "
" " " "
" "
5"
.

:

:

```

.348/1	:	100/1	_1
.169	.		_2
		.119	_3
	.236 :	5	_4
		.208/3	_5

:

:

"

: .3

" :

1" ...

2

" :

3" ...

:

: .1

/ "4

" "

:

.368/1

738/2

.209/3

239-238/4

.368/1

213/3

" "

.368/1

-¹

-²

-³

-⁴

:
 " :
 /¹" ...
 :
 .Oa/caa/lii < Oa/caa/lib <
 "2 " " "
 :
 :
 .Oa/caa/lii Oa caa lib
 " :
 3"
 " :
 4"
 :
 : " : " "
 212/3 ₋₁
 .369/1
 .363/1 197/3 ₋₂
 () 210/3 ₋₃
 .424/4 ₋₄

: : " :
 .1" :
 :
 " : "
 :
 ...
 :
 : ...

2"

3

" :

:
 :
 ... : ...
 .4"

: " : Dissimilation :

5"

:

.qii/raat < qir/raat < -

				<u>.234/4</u>	- ¹
	.211	5	.	27 24/10	- ²
30 :			.152 :	3	- ³
				.308	
	.18/1	1359			- ⁴
			.308 :		- ⁵
			.152	3	:
	.291 :	1			:

.dii/baadg < dib/baad3 < -
 .dii/naar < din/naar < -
 tasrii tu < ta/sar/r tu < -

" "

.

.

.

:

.

"

...

1"

.

Assimilation :

Dissimilation - -

2"

"

.

.147 /1983

.293-292 :

3

-¹

-²

" :

1"

" :
2"

" :

3"

: Liquida :

" :

4"

:

:

.	+	<---	+	<--	<	-
.	+	<---	+	<--	<	-
.	+	<---	+	<--	<	-
.	+	<---	+	<--	<	-

.120 : 1994

.210 : 5 . -1
-2

.37 : -3

Brasnahana and Malberg, Introduction to Phonetics P. 134

.211 : 5 . -4

. + <--- + <-- < -
 . + <--- + <-- < -
 . + <--- + <-- < -

:

.3

:"

"1 "

2"

:

" "

"3 "

da/faa/dii < da /faa/dic :

.209/3	_1
.211/3	_2
.212/3	_3

" :

1"

" " :
/2" -- "

" " :

.AO/Oaa/lii < AO/Oaa/liO - :

< :

: " : " :

3

: .4

"4

" :

"5

" :

" :

.378/1

28/10

.376/1

_1

213/3

_2

.764/2

:

.197/3

_3

.215/3

_4

_5

1" . . .

:"

2

"3 .

:"

:" -

"4 " .

"5

"5 .

:"

" : .

6" .

:"

:"

:"

7

8

8

		.240/4	-1
.341/1	30/10	413/1	-2
		.215/3	-3
		.	-4
		.240/4	-5
		.414-413/1	-6
	.273/3	30 10	-7
		.391/1	-8

fa/wah :

" "

.fa/wah-fam

: .

" :

1

"2

" :

."

" :

:

:

"

" :

"3

.

:

:

"

"4

.

.

....

:

.

...

." "

.215/3

-₁

.216/3

-₂

.423/1

-₃

34/10

-₄

" "

" " :
:
:

"

- - "

:
1
.

:
:"

. "2

:
:"

. "3

:"

. "4

5 "

	.133 :		- ¹
.108 :	1979	:	-
	.254/3	215/3	- ²
	.254/3	.216/3	- ³
		.240/4	- ⁴
.394-391/1	126 35-34/10	422-421/1	- ⁵

" : .

:

"1 "

:

:

: .

" :

"2

" :

"3

:

"

"4

.61 : 3: . -1

.215/3 -2

. 217/3 -3

.393-392/1 36-35/10 424-423/1 -4

1

.

: .4

.2"

" :

()

.

"3

" :

.4

" :

" :

"

"5

.6

.7

" .8

1546 :	_1
.218/3	_2
.218/3	_3
.240/4	_4
.218/3	_5
.36/10	_6
.218/3	_7
.36/10	_8

... " " :

."1 :

:

san/caa/wiyy :

/

:

"

."2

- + + + -

- cvcc "wiyy" -

."3

"

: .5

.395/1

_1

.63 : 3

_2

175-174 :

_3

∴
"∴
"1
∴
" " ∴
"2
∴
"∴
3"
"∴
4"
∴
∴
∴
∴
5
"∴
∴
"∴

.219/3	_1
.239/4	_2
.145/1	_3
.36/10	_4
.219/3	_5



< <

.it ta cda < it ta cada < iw/ ta/ca/da

iw

It ta sa ra < it ta sa ra < iw/ ta/sa/ra itt/sa ra

.	:	334/4	- ¹
.	148-147/1		- ²
.387-386/1		37-36/10	- ³

"

1

:

:

2

" :

:

"3

4

"

:

tuxmah turaao tud3aah
wuxmah - wuraa - wud3aah

- -

"5

"

...

.293/2 -¹

.81-80/3 220-219/3 -²

... : :

.333-332/4 334/4 -³

.185-183/1 : 40-37/10 149-145/1 -⁴

.209 : -⁵

„1

：

- -

”

” ” ”

„2

„3

”

”：

...

„4

”：

„5

„6

”：

： 46：

2

211：

.179

.80/3

.78-76/3

.98/1

.220/3

-¹

-²

-³

-⁴

-⁵

-⁶

" :

"1

:

:

" :

...

2" :

" :

:

3"

.174 :

.83/3

.338/4

-1

-2

-3

" :

.1" :

" :
.2"

:

.it/ta/sa/ra <iy ta sa ra < ya sa ra

"3

:

" :

:

"4

:

" :

...

.157-156 :

.152/1

.148/1

40/10

.80/3

82/3

-¹

-²

-³

-⁴

“ ” “ ”

1” - -

:

:

Oin/yaan :

“y”

yaan

” :

2

.kay/ta < kay/ya :³

.

:

4”

” :

” :

5”

.388/1	_1
.219 :	_2
.1996	_3
.219/3	_4
.221-220/3	_5

" :
 " : "1
 ...
 " "
 2"
 :
 : <--- + -
 " "
 " " :
 . < < :
 <
 : :
 " : :
 3"
 -
 -
 an/naat < :
 .an/naas

390-389/1

41-40/10

156/1

-₁

-₂

.136 :

-₃

.132 :

1979

:-

" "

.

:

ak/yaas :

.ak/yaat

" "

-

. tast < tass :

-

.1

:

.

<

"2

:

" :

:

"

:

/³

4

" :

5"

236 :

:_1

222/3

:_2

.219/3

:_3

.390-389/1

8/10

156/1

:_4

.390/1

:_5

Dissimilation :

"



.435 :	1998 1	_____	_1
		.222/3	_2
		.157/1	_3
		.390/1	_4
		.219/3	_5

: : "

"2
 .

...

3

.

:

" :

"4 :

" :

" :

:

" "

" 5 :

...

"6 :

" :

"7 : ()

.

8

"1 " :

	.221/3	-1
	.222-221/3	-2
-	157/1	-3
:	.222/3	-4
	.238/4	-5
	.	-6
	.551/2	-7
	.42/10	-8

2

.1

.
 :
 :
 " :
 "3
 - - " :
 :
 ...
 "4
 " :
 " :
 : : :
 :
 :
 "6
 :
 " :

	.88 : 1978				-1
	.535 :	397/1 :			-2
		.222/3			-3
		224-222/3			-4
.553-551/2	400-397/1	43-42/10	228/4		-5
	554/2	400-397/1			-6

„1

„ :

„ :

...

:

„2

„

„ ...

„

.

:

.a/a cd3amy :

-

.a ha cd3 amy :

-

. :

:

.2

„ :

„3

.42/10

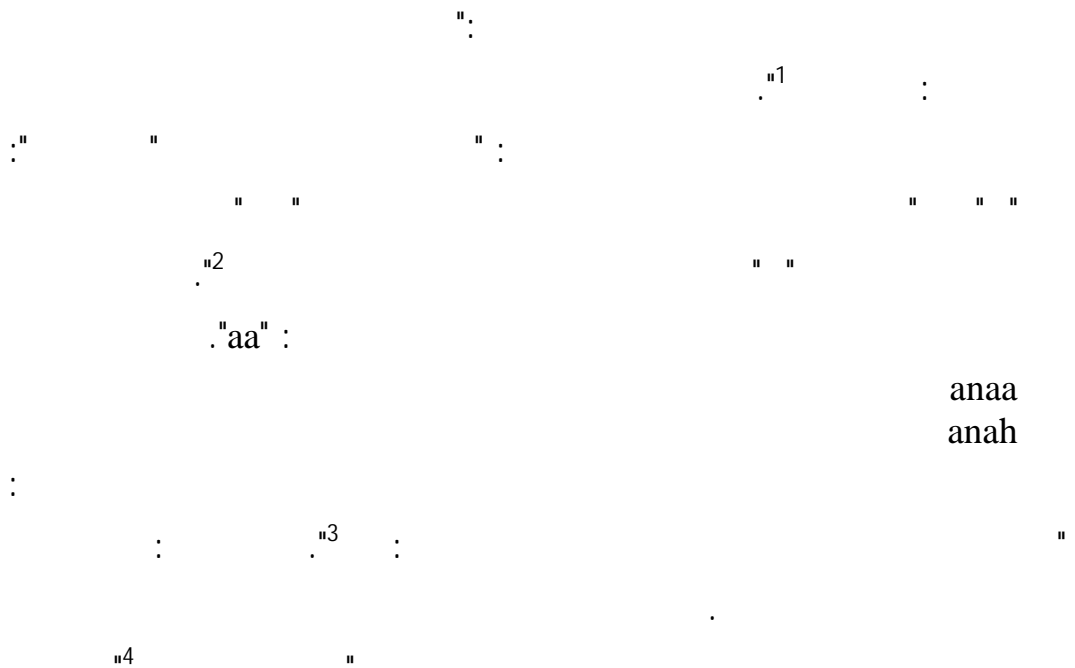
_1

.74-73 : 3 :

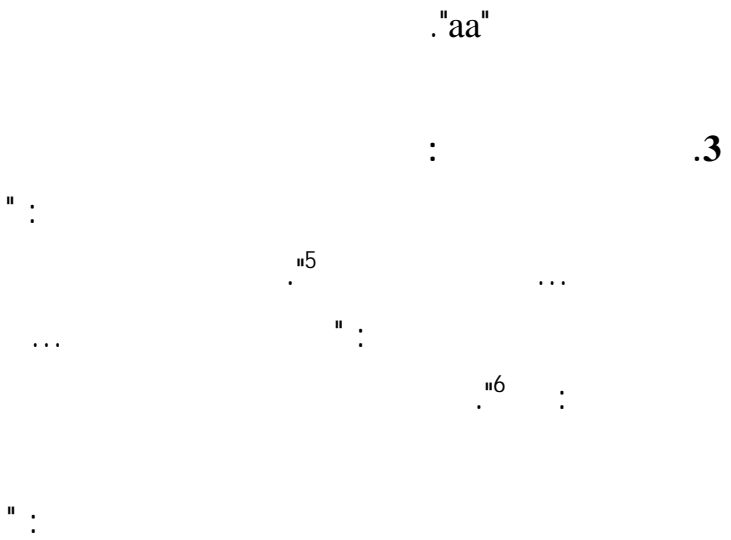
_2

.222/3

_3



vowels :



400/1

.238/4	-1
.555/2	-2
/10	-3
400-398 " "	-4
.222/3	-5
225/3	-6

" " " :
 :
 "2
 .
 " " ...

haazih : haa zu :

.haazih < haa/zu

"
 "3
 .
 .

:

.hu/nay / hah > hu /nay /yah

: .4

"4
 . " :

.238/4	- ¹
.560-556/2 :	- ²
.401-400/1	
.173 :	- ³
.222/3	- ⁴

:

":
"1

- -

"

":

"2

"3

":

"

":

:

"4

:

"5

"6

:

":

"1

.402/1

45/10

.238/4

-1

562/2

-2

.402/1

-3

.402/9

-4

.173:

-5

235 :

-6

" :

() ...

"2

:

" :

"3

:

\ " :

"4

"5

:

:

"6

"

: + <-- +

id/ta/d3a/ca :

		.226/3	_1
		.	_2
		.483/4	_3
		.240/4	_4
.403/1	46-45/10	321/1	_5
.403/1		226/3	_6

„1

2

< :

.U/say/laan < u/say/laal

liquid :

.

:

.

:

:

“ :

„3

“ :

:

„4

:

()

“

„5

.29 :

309 :

-¹

4

-²

.240/4

.226/3

-³

.226/3

-⁴

.239/4

-⁵

" :
 ...
 :
 "1
 .
 :
 " :
 :
 :
 .

"2
 .
 + +) <-- <-- +
 : (:
 . < -
 . < -
 . < -
 . < -

.217/1 _1
 .361-360/1
 .47-46/10 _2

“ ”

·
:
:

“ : ”

“1
·

“ : : ·

“2
·

“ ”

:

“3
·

“ : ”

“ : ”

“

:

.10 :	.130/4	_1
		_2
	.226/3	_3

„1

“ :

:

-

-

„2

“

„3

“ :

...

„4

:

:

<--- +

+

fa/ha/sa/tu :

“ :

„5

	.227-226/3	- ¹
	.240/4	- ²
.220/1		- ³
	.48-47/10	- ⁴
163 :	162 5	- ⁵
.174 :		

- -

«1
.

»

»
:

«2
.

.

.Beeston, The Arabic language Today- p: 19 : 299 : -¹
.Salman Al-Ani Arabic Phonology. P: 30 : -²

:
 " :
 "1 :
 " :
 "2 :
 ...
 " :
 ...
 "3 :
 " :
 "4 :
 :
 ...
 " :
 "5 :
 :
 . (+ <-- +) " " <-- +
 :
 6 :

.227/3	_1
.	_2
240-239/4	_3
.185/1	_4
.49-48/10	_5
227/3	_6

1

:

":

":

"2

....

:

:

<

<

:

"3

":

"

"

"4

.468-467/4	- ¹
.186-185/1	- ²
.227/3	- ³
.	- ⁴

"

"1

:

(+ <-- +) / <--- +

:

:

.2

:

.1

"2

< :

.2

< :

" :

...

:

...

"3

.357/1	49/10	187/1	469/4	- ¹
			.227/3	- ²
			.470-469/4	- ³

.

:

(<-- +) <-- +

.

.id da ha na < id ta ha na< dahana < < -

.id /da/ caa < id/ta/caa < da/caa < < -

" "

< "

—

.id/da/caa :

:

.3

" :

" "

. "1 :

... " :

" :

. "2 :

" :

. "3 :

.227/3 _1
 .229-228/3 _2
 .187/1 _3

... " :

" "

"1

2

:

:

.daw la d3 < taw/la/d3 <---

..

...

:

.4

" :

"3

:

" :

:

.49/10	_1
.358/1	_2
.228/3	_3

„1

“ :

„2

3

:

<

:

:

:

:

„4 ...

“

.

:

:

.479/4	- ¹
.187/1	- ²
.358-357/1	- ³
.227/3	- ⁴

": : .

"1 .

2 " ... " :

: " :

() ...

:" ...

"3 .

: " ... :

...

"4 . :

: " :

"5 .

<

.55 :	.	_1
	.227/3	_2
.359-358/1		_3
.359-356/1	.188/1	_4
.210	.	_5
.183-182 3	.	

.
.iz da ka ra > id da ka ra <

"1 ...

" :

"

2" :

"3

:

" :

" :

...

:

...

...

:

"4

:

:

fa zd < fa sad <

:

:

82	227/3	- ¹
	.228/3	- ²
	.240/4	- ³
	.278-277/4	- ⁴
	.412/1	

" + "

" :

*

" :

" :

"3

.

1

:

.

:

*

1

.

"2

.

:

" :

"4

.

:

:

.229/3

-1

-2

.355-353/1

.240/4

-3

.182/4

-4

.176-175/1

:

"

()

.²

" " :

„3

" :

...

„4

:

" "

:

" "

" :

:

„5

	.176/1	229/3	- ¹
	.353/1	.182/4	- ²
		.175/1	- ³
		.50/10	- ⁴
.111-110 :		1979	- ⁵

:
.
" " " :
"

"1

:

:

...

"2

:

bid3 < bii <
.calid3 d3 < caliyy :

:

:

" :

:

"3

" :

.126 :

.113-112 :

.212-211/1

1973 4

230/3

_1

_2

_3

„1

„

„

„2

„ :

„ : „

...

...

...

...

...

„3

„ :

:

„ :

4

„5

:

<--

+

-

-

.479-478/4

.411/1

.190 :

480-479/4

.410/1

52-51/10

212-211/1

.212-211/1

_1

_2

_3

_4

_5

“

“1

:

:

” :

“2

:

() :

:

” :

...

“3

” :

...

:

...

“4

55 :	.	-1
	.231/3	-2
	.	-3
	.478-477/4	-4

"1

:

"

"

:

"

"2

"

"

"

"

"

:

+ <-- +

:

"

"

:

maz /dar < mas/dar

<

:

:

--- <---

---- <----

:

"3

"

.412/1

54-53/10

195-195/1

-¹

.192 :

:

.412/1

-₂

.231/3

-₃

" :

:

:

"1

" :

"2

:

:

+ <--- +

:

:

:

.479-478/4 -¹
.196/1 -²
.412/1
.185 :

“ ” :

.

.

" : . . .

" " : " "

.(" =)

"

"1 "

- -

" :

"2

"

" :

: " : . . .

...

.169 : 2 . -¹

.203 : . -

. 26 : 3 . -²

.170 : . -

.228 : . -

“(3)

” :

“(4)

” :

“(5)

” :

...

... :

“(6)

“(7)

” .

” :

“(8)

.229	- 3
.154	-
.61/1	-
.131	- 4
.53: 1973	- 5
.79: 3	- 6
38:	- 7
.39	- 8
.38/1 1972 1	-

..

:

(ai) :

„(9)
.

“

”

(Vowels)

”

„(10)
.

:

vowels

.

:

.42: 3 . - 9

.151: . - 10

" :

" :

№12

№11

. < --- + -
. < --- + -
. < --- + -
. < --- + -
. < --- + -
. < --- + -

" :

№13

: " :

№14

:

: < --- +

. < :

.280/3	- 11
	- 12
.463-462/4	- 13
.146/10	- 14
.708-707-706-701/2	-

'in/ca s s aa/bi/raan < 'in/cat/saa/bi/raan

:

«15

»

.

: / < --- +

: < :

' oa ha bs sal /maa < o aha bt/sal/maa

«16

»

: / < --- +

.Sa / kaz/zaa/hir < Sa/kat/zaa/hir <--

/ / / <--- / / +

»

»

:

.189 : _15

.290 : _16

.fa/ra s/saa/bir < fa/ra/t Saabir -
 .fa/ras/ saa/mir < fa/rat saa/mir -
 fa/raz/zaa/d3ir < fa/rat/zaa/d3ir -

.

.

:

.

" "17 "

"18
 .

" " "

...

"19
 .

.

:

.

.281/3 _17
 . _18
 .282/3 : _19

/ / / / / < / / +
" "

:

.d3/ras saa/bir < d3a/ra/d / saa/bir <
.d3a/ras saa/mir < d3a /ra/d/ saa/ mir <
.d3a/raz zaa/d3ir < d3a/ra/d/ zaa/d3ir <

: / / / < / / +
()

:

. a/lu s saa/bir < a /lu/ saa/bir < -
.a/lus saa /mir < a /lu / /saa/mir < -
.a/luz zaa/d3ir < a /lu /zaa/d3ir < -

:

: / / <--- +

:

.na/bassaa/bir < na/ba /saa/bir <
 .na/baz/zaa/dir < na/ba /zaa/d3r <
 .na/bas saa /mir < na/ba /saa/mir <

:
 : - -
 .
 : / / / <--- / / +

:
 .ca/bas/saa/bir ca/bao/saa/bir <
 .ca/bas /saa/mir ca/bab/saa/mir <
 .ca/baz/zaa/d3ir ca/bab/zaa/d3ir <

" :
 "20

"21 " :

" :

.281/3 - 20

.463/4 - 21

„22

()

” :

„23

” :

„24

” ”

. :

25” :

...

„26

.708/2 - 22

.708/2 - 23

.465-464/4 - 24

.146/10 - 25

.218 : 1987 - 26

:

"1 "

:

"2

...

:

:

:

"3 "

:

" :

:

"4

:

" :

"5

:

"

"

"

"6 " "

	(206:) 197/3	-(¹)
	.66/3	-(²)
	.167	
	.425/2	-(³)
	.54/10	-(⁴)
	.143	-(⁵)
	.167	-(⁶)

" : .
 semi vowels : vowels :

" " "1 " "
 " : "
 "2

"Morphophonemics " :

" :

Phonological / Functional changes

"3

" : " "

"4

.2

-(¹)
 .60 -(²)
 .320 -(³)
 .68/3 -(⁴)

":

"1

()

":

:

"2

...

"

"

":

"3

....

":

...

:

"4

:

"

"

"

"

"

- -

.

:

:

:

.1

:

."

" 69

-(¹)

.66/3

-(²)

.68-67/3

-(³)

.104-103

-(⁴)

.145-144

-

- : " " " " : .1

" -

:
: "1
.

" "

:

. : -
: -

. : -
: "

"2 :

" :

: :
"3 :

" " .2

()

"

"4

.76/3	-(¹)
.193 :	-
.275	-
" /77/3	-(²)
.173/3	-(³)
.10-9/10	-
.127/3	-(⁴)

" : .3
 "1
 : " " " .4
 : "3 " "2
 "4 " .5

:
 . :
 :
 :

wu/wal **wa/waa/sil**

" "

() " :

" ...

" : ()

"5

"6

.	-(¹)
.176	-(²)
.338-337/1	-
.102/3	-(³)
.176	-(⁴)
.209	-(⁵)
.210	-(⁶)

"

„1
.

":

„2

:

()

":

....

„3
.

":

„4

:

":

"

"

:

... :

„5
.

:

.47	-(¹)
.114 76/3	: -
.76/3	-(²)
.333-332/1	-
.333/4	-(³)
.98/1	-(⁴)
.10/10	-(⁵)

wu+wa Wa+waa

.1

"W"

W<ww .

.2

" :

."3

kisaa-u " :

"4

kisa

:

)

semi vowel

:

(

ri/daay – ki/saaw

:

Approximant feature

" :

.174

-(¹)

.64

-(²)

.177

-(³)

.

-(⁴)

."1

:

"

"

"2Frictionless continuant

()

."3Fricatives :

" :

.() "4

()

."5

" :

"y w "6

"

:

vocalic feature

.rid/daay, ki/saaw aay- aaw

.7

-(1)

-(2)

-(3)

.43

-(4)

.46

-(5)

.39

-(6)

.174

-

aay-aaw

:

ri/daay k/saaw

" :

"1

"

()

()

:daay saaw :

()

:

"2

3

" :

"4

.175

-(¹)

.8

-(²)

.257/3

.118-117

-(³)

.176

-(⁴)

" :

"1

" "2

"3

:

...

:

"

...

"4 ()

" :

:

:

"5

" "

stress :

:

.

6

			<hr/>	.67/9	-(¹)
	.81-78				-(²)
		.177			-(³)
			.177-176/4		-(⁴)
			.17/1 :		-(⁵)
.198	:	.87-86			-(⁶)

ri/daa : <--ri/daay ki/saa : ki/saaw :

" "

" " :

" "

:

: a/waa/wil : sa/haa/yif : baa/yic : qaa/wim :
.sa/yaa/wid : a/yaa/yil

"1

...

:

. <-- <-- <--

²Sa/haa/if, sa/haa/yif , baa/ic, baa/yic/qaa/ im, qaa/wim

:

<-- <-- <--

:

.177

-(¹)

.326 -(²)

a/waa/il < a/waa/wil -
 a/yaa/il < a/yaa/yil -
 sa/yaa/id < sa/yaa/wid -

:

. " .1
 . "1 .2

.

-

":

"wu"

-

. "2wi"

"yi"

3

...

":

:

. "4

:

Dissimilation :

.10	<hr/>	-(¹)
	.326	
	.46	-(²)
.234		-(³)
	.55/1	-(⁴)

... : " "1
 .2

" . " - -
 " :

."2vocalization vocalism":

:"3 " :
 " : " "

.303 302 .177-176 -(¹)
 .331 : -(²)
 .14 :
 . 351 : .32/3 -(³)

" "

" "

... : " :

...

"1

:

" () :

"2

:

- -

: " :

"3

:

"

"4

.102/3	-(¹)
.95/3	-(²)
.326/1	
.127/3	-(³)
.101/3	-(⁴)

: .3

" :
"1

" :
:

"2

"

"3

: :

ra/saa/il: <--ra/saa/aal

"aa"

" "aal"

" :
:

...

()

-

"4

.102/3 -(¹)

.326/1

.142-111 -(²)

.172 -(³)

.135-134 -(⁴)

"aal"

":

."1

":

...

ra :

saa al

:

.².ra/saa/ il

: .4

:

...

":

.1

."3

.113-112

.175

-(¹)

.14 :

-(²)

.83/3

-(³)

.2

" :

"1

"

"2

"

:

"3

"

" :

...

()

" :

"

"

"

" :

" 4

:

.3

" :

"5

....

...

" :

"1

.137/3	-(¹)
.138/3	-(²)
"161" 137/3	-(³)
523-522/2	-(⁴)
.139/3	-(⁵)

1 " .1

. ...

.2

... ...

"2

:

:

:

.mii/zaan <-- miw/zaan -

.mii/qaat <-- miw/qaat -

"iw"

"ii" ()

"iw"

<-- :

()

:

: " :

-(¹)

167-166/3 -(²)

„1
.

.

:

:

.qi/yaam : <-- qi/wam : -

ci/yaa : <-- ci/wa : -

.

“ :

2“

...

“ :

„3
.

.

“ :

„4
.

“ “

.189 : -(¹)

.250 -(²)

.165 -(³)

.204 -(⁴)

```

" " :
.
:
:
.tayy <-- tawy : -
.say/yid <-- say/wid : -

```

```

"tawy" " "
:
.yid "taw" " "

```

```

"
.u1

```

```

"
:
.u2

```

()

.335/4 ⁽¹⁾-

.190 ⁽²⁾-

" :

„1

:

" :

„2

:

:

:

.ci/siyy

cu suuy :

cu/suuw :

-

:

mar duuy :

mar/duuw

-

.mar/diyy

:

"suuw"

.

„3

" :

" :

„4

...

:

:

"y"

:

.334/1

140/3

-(¹)

.138/3

-(²)

.167/3

-(³)

.333/1

-(⁴)

" :

"1

:

:

.dun/yaa : dun/waa :

-

.cul/yaa : clu/waa :

-

" "waa"

. ()

" :

"2

:

:

" :

" ...

...

" :

:

"3

" 21

.190

.522/2

-(¹)

-(²)

-(³)

:

.a ayt : <-- a /zawt :

" "1 " : " "2
.

"aw"

" "

"aw" "ay"

.a /zeet : : "ee" "ay"

"3
.

"

"4

	.255	-(¹)
	.42	-(²)
	.224	-(³)
	.45	-(⁴)
	.39	-

: .5

:

... " : .1

. "1

" " " :

. "2

":

. "3

" :

" "

.2

...

. "4

:

. "5

... " :

" :

. "6

... :

" :

"

	.83/3	-(¹)
	.85/3	-(²)
:	.178-135 86/2	-(³)
	.437-436/2	-(⁴)
	.139/3	-(⁵)
:	142/3	-(⁶)

."1

:

.4

:

.

:

:

:

.muu/qi <--muy/qi -

.muu/sir <--muy/sir -

" "

"uy"

.

"y"

." "

.

:

519/2

-(1)

:

:

:

qu/di/ya < qu/du/ya

:

:

.taq/waa	<-- taq/yaa	-
.baq/waa	<-- baq/yaa	-
.fat/waa	<-- fat/yaa	-

" "

:

.6

" "

" "

() " :
 "1
 ()
 " () :

...

:

...

"2

:

.1

" :

"3

...

" :

" :

"4

353/4 .2/ 1

.95/3	-(¹)
	-(²)
	-(³)
.100/3	-(⁴)

„1

„ :

„ : : : „ ”

... ” ” ” ” ” ” ” .

...

„ ”

„2

„3 :

„ :

-

„ :

:

-

„4

„ :

:

-

„5

:

.qaa/la	<---	qa/wa/la	„	-
„6 baa/ca	<---	ba/ya/ca	„	-
. a/zaa	<---	za/za/wa	„	-
„1 ra/maa	<---	ra/ma/ya	„	-

101/3 -(¹)

.194 -

.438-437/2 -(²)

96/3 -(³)

.95/3 -(⁴)

.95/3 -(⁵)

.96/3 -(⁶)

" : " "

"2 :

+ quul : . + + + " "

3

()

" "

" "

.

:

. + : <--- + + : -

. + : <--- + + : -

+ : <--- + + : -

.

" :

:

"4

.159/3 : -(¹)

.19 : -(²)

.20-19 : -(³)

.41 : -(⁴)

"

"1

" "

:

.ba/ ia/ ca baa/ca

-

.qa/ ua/ ma qaa/ma

-

:

.taa/la <--- ta/wu/la

-

.xaa/fa <--- xa/wi/fa

-

.kaa/da <--- ka/ya/da

-

" :

- "2

" :

()

- -

.³"wi"

"yi"

"wu"

" "

.174 -⁽¹⁾

.174 -⁽²⁾

.46 -⁽³⁾

.
 :
 .i/qaa/mat <---iq/waam -
 .is/ti/qaa/mat <---is/tiq/qaam -
 " :

"1
 .
 :
 .iqaa mat <---iq/waam <--- -
 " "2
 "3
 .

.108/3 $-(^1)$
 .24 $-(^2)$
 .195
 . $-(^3)$

:

“(1)

”

” :

“(2)” :

:

”

:

” :

”(3)

”(5)

”

”(4)

” : (

)

”(6)

:

” :

”(7)

:

...

.113

72

_____ -⁽¹⁾

.19 -⁽²⁾

.32/3 -⁽³⁾

.254/3 -⁽⁴⁾

.93/84/1 -⁽⁵⁾

.31-30/3 254/3 -⁽⁶⁾

.541/3 -⁽⁷⁾

" : " "

:

" (1)

" (2) :

:

":

":

" (3)

:

" :

" (4)

"

":

...()

" (5)

.542/3	-(¹)
.126/10	-(²)
.127/10	-(³)
.84/1	-
.53	-
.90/1	-(⁴)
.43-41/1	-(⁵)

:

:

"

" (1)

:

:

:

. .1

. .2

. .3

:

: "

:

"(2)

.

:

:

:

:

:

:

"

.19/1

:

121

-(¹)

.19/1

-(²)

„(1)

.()

:

.1

.2

:

:

„(2)

“ ” “ ” “ ”

“ () ”

„(3)“

:

:

:

:

“

„(4)

:

: .1

:

.30/3 -⁽¹⁾

.31/3 -⁽²⁾

.254/3 31-30/3 -⁽³⁾

.31/3 -⁽⁴⁾

.raas < ra s : -
 .biir < bi r : -
 .suut < su t : -

(1)

Cvcc

(2)

cvvc :

"

"long vowel"

()

"(3)

.114

.176

.31/3

-(¹)

-(²)

.48/1

.333

-(³)

" :

:

."(1)

...

" :

."(2)

: .2

:

.saa/la :	sa/ a/la :	-
.sii/ma :	sa/ i/ma :	-
.luu/ma :	la/ u/ma :	-

" :

) ."(3)

.(

" :

"

"

...

:

...

....

...

."(4)

.543/3	-(¹)
.76/1	-(²)
.35/3	-(³)
.542-541/3	-(⁴)

_(1)

" :

-

. xa/ty y/at < xa/ty/ at -

. maq/ruu/wah < maq/ruu/ ah -

. u fayy/s < ufay s -

" :

...

"(2)

" :

"(3) " :

: :

" " " " " " :

	.32/3	-(¹)
.42/1	121/1	-(²)
	.547/3	-(³)

„(1)

„ :

„(2)

i/ zan u /tu/mi/na

„(3)

„ :

„

„(4)

„(5)

„ :

„

„(6)

:

:

— —
.

„

„(7)

.32/3	-(¹)
.30/3	-(²)
.32/3	-(³)
.34/3	-(⁴)
32/3	-(⁵)
36/3/1	-(⁶)
.33/3	-(⁷)

”

(1)“

· ·

” :

” :

“(2)

“(3)“

” :

:

“(4)

“(4)

“(5)

” :

”

“(6)

.177

.	-(¹)
.41/3	-(²)
.38/3	-(³)
.546/3	-(⁴)
.33/3	-(⁵)
.42/3	-(⁶)

i :

.sal : s al

" "

.

" :

:

.(1)

.

.

()

.

" :

...

.(2)

:

" :

.(3)

:

.saa/la : - sa/a/la :

-

.mua/d3/il : - mua d3d3il :

-

.33/3

-(¹)

.44-43/3

-(²)

.44/3

-(³)

.mii/ah - mi/ a/h :

.sa/ i/ma :

.su/ i/la :

.mus/tah/zi/ iin :

.ra/ uuf :

.ru/ uus :

.mus/tah/zi/ uun :

: :

"a" :

"y"

" "

" "

"(1)

"(1)

"

.45/3

-(1)

:
 ()
 : "
 "(2)
) " " "
 (
 :
 ...
 "(3)
 "
 "(4)
 : : "
 "(5)
) " : (

.123 : 177 :
 .33/3 -⁽¹⁾
 .46/3 -⁽²⁾
 .50/3 -⁽³⁾
 -⁽⁴⁾
 -⁽⁵⁾

„(1)

“

”

. u /xu > : xu : -

. u /kal > kul : -

.wa /mur > mur : -

.wa /mur > wa/mur : -

“ :

„(2)

:

:

:

:

“

:

...

:

:

...

:

„(3)

:

:

_____ .50/3 -⁽¹⁾

.51/3 -⁽²⁾

. 51/3 -⁽³⁾

"

:

...

.(1)

:

:

"

:

....

.(2)

:

:

:

.(3)

...

"

. aa /dam-→ aa/dam

" :

.(4)

"

.(5)

" :

...

.(6)

.545/3

-(¹)

.52/3

-(²)

.52/3

-(³)

-(⁴)

-(⁵)

.404/1

:

544/3

-(⁶)

" " :
 : " " " " .1
 "(1) "
 () .2
 :
 " " :
 " :
 "(3) ...
 (4) .i maan> ii/man
 .3
 :
 ... : :
 " :
 " " ...

.52/3 -⁽¹⁾
 .53/3 -⁽²⁾
 554/3 -⁽³⁾
 .379/1 -⁽⁴⁾

a/ im .() ^{u(1)}

.a /yim /mat >/mat

: .4

:

-

:

-

:

-

" :

(2)

^{u(3)} :

:

:

:

. i /maan : - u /tii : - 'a'/man : -

. ii/maan : - uu/tii - aa/man : -

"

"

" :

^{u(4)}

:

" :

(5)

.380/1 -⁽¹⁾

.57/3 -⁽²⁾

.552/3 -⁽³⁾

.42 72 -⁽⁴⁾

. : -⁽⁵⁾

...
" (1)

" :

...

" (2)

"

" (3)

" :

"4546"

"407"

" (4)

"145"

"105"

"157" :

:

" :

" (5)

.116/9

.549-548/3

-(¹)

71/1

-(²)

.119

-(³)

-(⁴)

.35-30 1989

.182

-(⁵)

" 333 : 346

" - -
" " "

" "

.

.

:

u/ ay/dim : a / im/mat : a/ aa/dim : <---

:

. a/waa/dim : <--- a/ aa/dim : -
. a/yim/mat : <-- a/ im/mat : -
. u/way/dim : <--- u/ ay/dim : -

"
:Vowels

Approximant feature

_(1)

(170)	.1
(180)	.2
(188)	.3
(189)	.4
(205)	.5
(207)	.6
(216)	.7
(249)	.8
(306)	.9
(306)	.10
(311)	.11
(315)	.12
(538)	.13
(371)	.14
(377)	.15
(368)	.16
(392)	.17
(643)	.18
	.19

:

:
:(170) :

...

":

“(1)

:
() ”

” ”

“(2)

.57/1 -⁽¹⁾
.58-57/1 -⁽²⁾

„(1)

” :

„(2)

” :

:

:

:

(3)

:

:

:

(4)

()

” :

„(5)

:

.57/1		-(¹)
.258/3		-(²)
.140/3	:	-(³)
.65/3		-(⁴)
.59/3		-(⁵)

(1)

:

:

:

(2)

:

(180) :

"

"(3)

" :

:

: -⁽¹⁾

.104/3 : -

.181-180/3 -⁽²⁾

.23/1 -⁽³⁾

.260/6 -

: "

:

(2)

“(1)

“(3)

”

(4)

” :

“(5)

...

” :

“(6)

:

:

”

”

(7)

(8)

	.251/3	-(¹)
.250/3		-(²)
	.433/4	-(³)
	.250/3	-(⁴)
	.434/4	-(⁵)
	.254/3	-(⁶)
	.255/3	-(⁷)
	.255-254/3	-(⁸)

“(1)

“ ”

”

:

:

”

“(2)

” :

”

(3)

“(4)

” :

”

”

”

“(5)

”

()

”

“(6)

.258/3	-(¹)
.489-488/2 1967 2	-(²)
.144-143/3	-(³)
.199/3	-(⁴)
.199/3	-(⁵)
.274/3	-(⁶)

:(188)

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“(1)

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“(2)

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“(3)

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“(4)

.65/3	-(¹)
: 188/3	-(²)
.217/3	-(³)
.247/3	-(⁴)

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:(189) :

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.(4)

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.(5)

.278/3

-(¹)

.25/3

-(²)

.24/3

-(³)

(1)

.38-37/3

-(⁴)

.52/3

-(⁵)

(2)

() (3)

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(216) :

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250/3	-(¹)
.254/3	-(²)
.284/3	-(³)

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 "(2)
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(3) :

(4)

(1)

	.192/1	-(¹)
	.105/3	-(²)
	.145/3	
	.194-193/3	-(³)
.212-211/3	:	-(⁴)

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(2)

:(249) :

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„(3)

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.218/3 -⁽¹⁾

.294/3 -⁽²⁾

.58-57/3 -⁽³⁾

.76/3 -⁽⁴⁾

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 " "(6) "
 "(7)

.113/3	-(¹)
.119/3	-(²)
.142/3	-(³)
139/3	-(⁴)
141/3	-(⁵)
192/3	-(⁶)
298/3	-(⁷)

(306) :

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.(1)

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.(3)

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:(306) :

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.(4)

:(311) :

.(5)

.27/3	-(¹)
.224-223/3	-(²)
.208/3	-(³)
.217/3	-(⁴)
134/3	-(⁵)

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:(315) :

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.294-293/3		-(¹)
.56/3	44/3	-(²)
	.51/3	-(³)
.61/3		-(⁴)
	.107/3	-(⁵)

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“(5)

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“(6)

.251/3

-(¹)

.298/3

-(²)

.8/3

-(³)

-(⁴)

.200-199/3

-(⁵)

.210/3

-(⁶)

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:(371) :

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"(3) ()

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:(377) :

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.210/3	-(¹)
.254-253/3	-(²)
.205/3	-(³)
223/3	-(⁴)

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.72/3	-(¹)
.74/3	-(²)
.75-74/3	-(³)
.77/3	-(⁴)
.92/3	-(⁵)
	-(⁶)

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„(4) :

:(368) :

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„(5)

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„(6)

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.94/3	-(¹)
201/3	-(²)
.292/3	-(³)
.292/3	-(⁴)
.9/3	-(⁵)
.37-36/3	-(⁶)

(1)

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.42/3	-(¹)
.94/3	-(²)
.117/3	-(³)
.199/3	-(⁴)
.255-254/3	-(⁵)

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.256/3 -⁽¹⁾

.256/3 -⁽²⁾

.257/3 -⁽³⁾

.288/3 -⁽⁴⁾

.206-205/3 -⁽⁵⁾

.205/3 -⁽⁶⁾

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.206/3 -⁽¹⁾

.207/3 -⁽²⁾

.203/3 -⁽³⁾

217/3 -⁽⁴⁾

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222-221/3 -⁽⁵⁾

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.50/3 -⁽¹⁾

.80/3 -⁽²⁾

.194/3 -⁽³⁾

4/3 -⁽⁴⁾

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13-12/3	-(¹)
41-40/3	-(²)
41/3	-(³)
.45/3	-(⁴)
.58/3	-(⁵)
.65/3	-(⁶)

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.66/3	-(¹)
.77-76/3	-(²)
.79/3	-(³)
.82-81/3	-(⁴)
.82/3	-(⁵)
.83/3	-(⁶)

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.159-158/3	-(¹)
.225/3	-(²)
230/3	-(³)
.236/3	-(⁴)
.236/3	-(⁵)
.245-244/3	-(⁶)
.256/3	-(⁷)

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.274/3	-(¹)
.278/3	-(²)
.290/3	-(³)
.294/3	-(⁴)
.294/3	-(⁵)
.302/3	-(⁶)

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.257/3 - (1)
.255/3 - (2)
.234/3 - (3)
.235-234/3 - (4)
.234-233/3 - (5)

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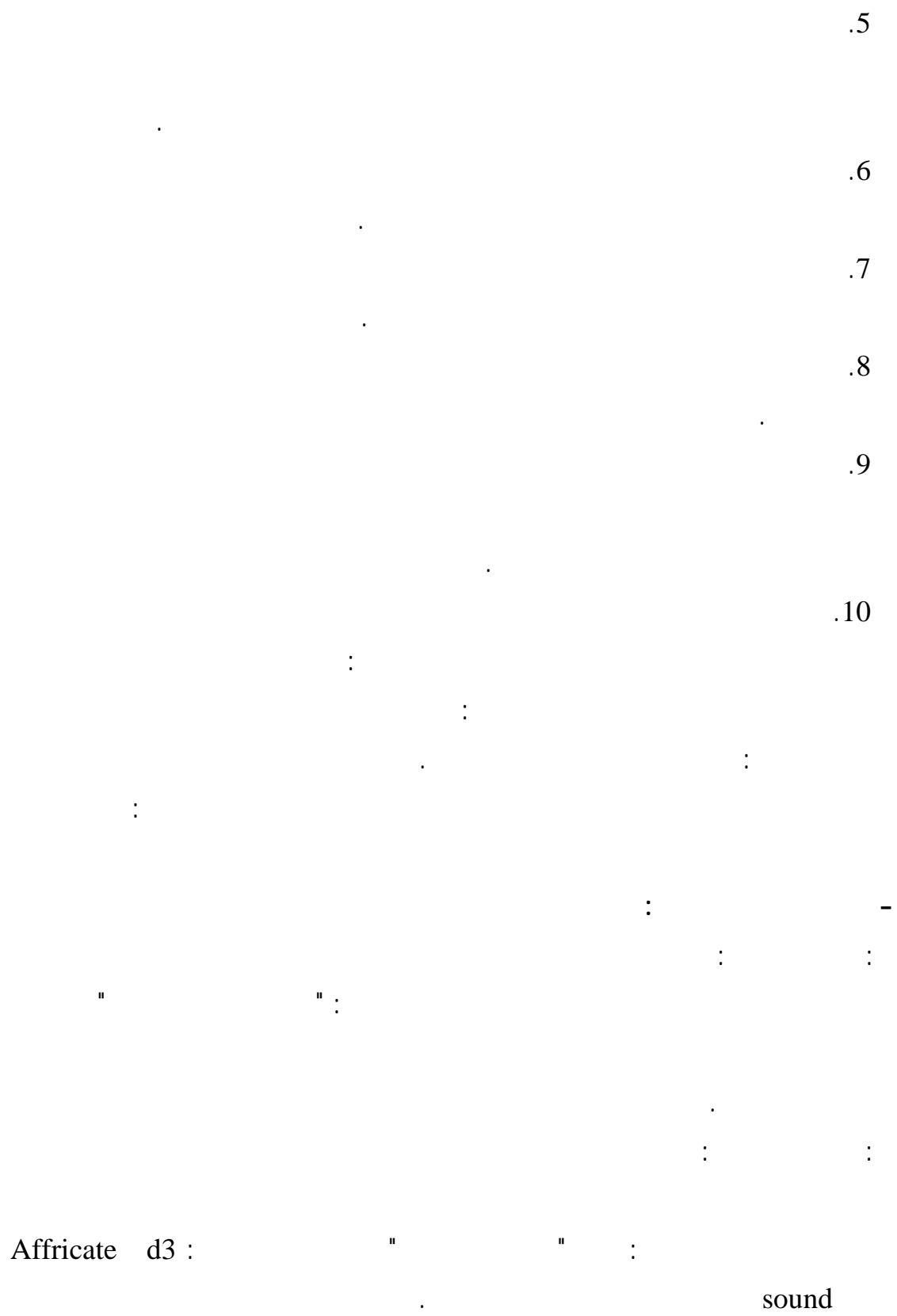
” :

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“(5)

.271/3	- (1)
.19-18/3	- (2)
.137/3	- (3)
200/3	- (4)
.209/3	- (5)



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Caan : : " " .4

+ + fadl : : .5

+ raadd / / : : + " " .6

:(2)

.244 :	-(¹)
.240-238 :	-(²)
.180-175	-
.42-28	-
.221-213 :	-
.118-109 :	-

"y- w"

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Variphone	
Allo phone	
Diaphone	
Phoneme	
Phonetics	
Phonetic unit	
Phonetic transcription	
Voice	
Breath	
Voiced	
Semi consonant	
Consonant	
Semi vowel	
Vowels	
Stress	
Affricate sound	
Plosive	
Long vowel	
Short vowel	
Vibrant	" "
Complete assimilation	
Assimilation	
Dissimilation	
Regressive assimilation	
Progressive assimilation	
Trill	
Velum	
Uvula	

Hard palat	
Deati alveolar	
Labia- Dintal	
Bi-labid	
Naza lisation	
Affricate sound	
Sonority	
Liquida	()
Morphoph one mics	
Phonological changes	
Functional changes	
Approximant feature	
Friction less continuant	
Fricatives	
Vocalie feature	
Vocalism vocalization	
Vowel harmony	" "
Onset	
Coda	
Nucleus	
Voiced	
It is neither beathed nor voiced	

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. 1965		(3,4)	.12

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. 1983	3			.15
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	. 1989			.18
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. 1967	2	. 1983	.53
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. 1953			.55
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. 1995	1		.59
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. 1980	3		.64
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. 1979			.68

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		3	.73
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		16	.74
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. 1979		2	.75
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.86/2			.78
	.234/5		.79
	.39/2		.80
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An- Najah National University
Faculty of Graduate Studies

Exploring Phonetics in Shafeyat Ibn Al-Hajeb

By

Heyam Saleem Abed Al-Lateef Naseef

Supervisor

Professor "Mohammad Jawad" Al-Nuri

**Submitted in Partial Fulfillment of the Requirements for the Degree of
Masters of Arabic Language & Literature, Faculty Graduate Studies,
at An- Najah National University, Nablus, Palestine**

2003

Abstract

This research is considered a study of the phonological thought of Ibn Alhajib- a distinguished linguist in the seventh century after Al-Hijrah through his famous work: Sharh Ashafiah.

It also deals with the role of the interpreter Radi Addeen and his approach of tackling issues of content and ways of dealing with them, besides tackling topics through explanation, interpretation, reasoning and exemplification as well as highlighting aspects of agreement and disagreement with most of ancient linguists such as Seebawaih, Ibn Jenni, Al Mobarred and others.

This research comprises a prelude and four parts, each consists of three chapters.

The prelude includes Ibn Alhajib's life from birth, his teachers, pupils then his works, his scientific position and finally his death. It deals also with the importance of this research and its methodology besides the obstacles the researcher has faced.

Part one deals with the phonological issues as approached by Ibn Alhajib regarding the number of sounds, their place of articulation, sections and qualities.

Part two, which is the main one in this research, deals with the phonological and morphological issues as approached by Ibn Alhajib besides comparing and contrasting his thought with the opinions of other ancient and modern scientists regarding contraction, replacement (phonetic change) and defectiveness (of letters and words) besides giving syllabic

analysis in order to highlight the role of the phonological processing and also to highlight the "identity" of the sound due to influences through the context. The rationale beyond that is simplicity in speech and economy in muscular effort.

Part three deals with the phenomenon of bending (i.e. pronunciation of a shaded towards "e") and reducing the glottal stop (Arabic Hamza) besides the resources of the author and the interpreter and some of the aspects of disagreement between them.

The researcher concludes with an end which shows the role and thought to Ibn Alhajib who helped, with other ancient linguists, in setting up the phonological domain since this book- Sharh Ashafiah, is considered a valuable reference for Arab scientists and researchers in addition, some western ones who still depend on some Arab references.

Ibn Alhajib depended on the taste of the letter through experience and observation; such ideas were so important since they helped in the progress of this scientific field as a rich background to highlight the correct identity of the sound by means of laboratories and modern technical apparatuses.

Yet, there are still some vague terms which need more effort and time to clarify them coping with modernity. Future will hopefully make that possible.