

FEATURES OF MAKAMS											
 Aoyagi, 2001 (PhD on makam Rast, Arab music) Intervalic structure Pitch hierarchy Melodic Direction 											
Scale Type Melody Type Fixed Tunes Thāt, Church modeMaqām, Rāg, PathetCentral Asian Maqām, Dastgah More Abstract More Abstract											
Powers, 1980											









N-gram based classification															
1	oyati	hicaz	hezkr	hsyni	huzzm	krdhz	mahur	muhyr	nhvnt	rast	saba	segah	Ussak	Ref	Rcl.
	24	0	0		0	0	0	1	0	0	0	0		byati	61.5
	0	112	0	0	0	0	0	0	0	0	0	0	0	hicaz	100
	0	0	48	0	0	0	0	0	0	0	0	0	0	hczkr	100
	1	0	0	50	0	0	0		0	0	0	0	0	hsyni	71.4
	0	0	0	0	62	0	0	0	0	0	0	1	0	huzzm	98.4
	0	0	0	0	0	49	0	0	0	0	0	0	0	krdhz	100
	0	0	0	0	0	0	51	0	0	0	0	0	0	mahur	100
- 🕮		0	0		0	0	0	35	0		0	0	0	muhyr	68.6
	0	0	0	0	0	0	0	0	78	1	0	0	0	nhvnt	98.7
	0	0	0	1	0	0	0	0	0	76	0	0		rast	91.6
	0	0	0	1	0	0	0	0	0	0	41	0	0	saba	97.6
	0	0	0	1		0	0	0	0	0	0	70	0	segah	95.9
-μ		0	0		0	0	0		0		0		49	ussak	57.6
	55.8	100	100	64.1	96.9	100	100	63.6	100	91.6	100	95.9	70	Pre.	
Classification			n <mark>on a</mark> hice	o <mark>n audio</mark> hicaz rast		gah	kürdili hicazkar		üzzam	nihavend		hüseyni		uşşak	saba
	hicaz		-	-	-		1	-						1	-
	rast segah kürdili hicazkar		-	-	-		-			1	-			1	-
					-	-				-				-	-
			1	-	-		-				-				-
	hüzzam		1	-	-		1	-		-		-		-	-
	nihavend		-	1	1		1	-		_	_			-	-
	hüseyni		-	-	-			-							-
	uşşak		-	-	-									-	1
	saba		-	1	1		1	-		1				1	-

















