

THE INFLUENCE OF EARLY ISLAMIC STUCCO WORK IN IRAN ON ANATOLIAN SELJUK ART

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In this article, I want to dwell on the reflections of Abbasid stucco work on Anatolian Seljuk Art by way of Iranian Seljuk art. The origin dates back to Abbasid stucco works with stylized plant motifs from 9th century Samarra, classified by Herzfeld as Group I and II¹.

The well-known stucco workmanship in Iran, dating back to Parthians, has assumed a new character in Islamic Period through the influence of Samarra². The most dwelled upon group of stucco works from Samarra, the so-called Group I according to the above classification, constitute moulded examples in beveled style, influenced by Eurasian animal style, with stylized full of half palmettes, geometrical scrolls and button-like spots³ (Fig 1).

Professor Ettinghausen has methodically demonstrated the continuation of this style in Islamic art for several centuries, with remarkable similarities in a very wide field, using different materials like stucco, wood or stone⁴.

Stucco and woodwork at the Tulunid Mosque in Egypt from the 9th century, (Fig. 2) the wooden tie-beams of Al Hakim Mosque in Cairo, dated to 1003, from the Fatimid Period constitute the earliest

¹ Herzfeld, E. *Der Wandschmuck der Bauten von Samarra und seine Ornamentik*, Ausgrabungen von Samarra I. Berlin 1923. pp. 5-8, 10-14. See also Dimand, M. S. *Studies in Islamic Ornament I*. *Ars Islamica* IV. 1937. p. 324.

² Pope, A. U. *Persian Architecture*. Thames and Hudson. London 1965. pp. 147-159.

³ Herzfeld, E. *ibid.* See also. Dimand, M. S. *A Handbook of Mohammedan Art*. Metropolitan Museum of Art. New York 1958. 3. edition. pp. 88, 89.

⁴ Ettinghausen, R. The "beveled style" in the post-Samarra period. *Archaeologica orientalia in memoriam Ernst Herzfeld*. Edited by George C. Miles. New York 1952. pp. 72-83.

parallel examples. Various stuccos inside Al-Azhar Mosque are typical for Samarra I. influenced stuccos⁵ (970/71) (Fig 3).

One of the first examples of this style in Iran is observed on the impost blocks of Masjid-i-Jum'a in Isfahan (Fig. 4). These impost blocks are dated to the period between 1072 and 1092. The same style persists in Iran until the 14th century with stucco and woodwork⁶.

A typical example combining the styles of the so-called Groups of Samarra, is encountered at Nayin Ulu Mosque, dated to 960, Buyid Period⁷ (Fig. 5). The stucco composition with a half palmette and sieve-like, perforated surface appears inside two large scrolls influenced by Classical sources. The scrolls are symmetrically placed at the corners of the stucco mihrab.

The stuccos from the medrese at Rayy, which are presently at the National Museum in Tehran, display characteristics of Group II Samarra stuccos with their perforated backgrounds and stylized vine leaves but the beveled style and stylized half palmettes are typical for Group I Samarra stuccos⁸ (Fig. 6).

We observe that stuccos in beveled style have influenced the Anatolian Seljuk Period wood and stone workmanship by way of Iran. We can add some new examples to the known ones. The stone reliefs from the Konya Fortress, mentioned by Dr. Semra Ögel, are of considerable interest (Fig. 7). Here, the curved motifs in beveled style above the crowns of the angel figures bear striking resemblance to Samarra stuccos in beveled style⁹. The stone slabs are presently in the Museum of Ince Minareli Medrese in Konya.

There are numerous other examples of this style in the various details of Anatolian Seljuk figural world¹⁰. However, a closer study of these details falls beyond the limited scope of this article.

⁵ Ettinghausen, R. op. cit. pp. 75, 76, PL. X, 3. for Al-Azhar see. Creswell, K. A. C. *The Muslim Architecture of Egypt I. Ikshids and Fatimids. A. D. 938-1171.* Oxford 1952. pp. 36-64. Pl. 4-13, 114 d.

⁶ Ettinghausen, R. op. cit. pp. 76-81. Pl. X, 4.-XVI, 1.

⁷ Pope, A. U. *A Survey of Persian Art.* London-New York 1939. Vol II. *Architectural Ornament.* pp. 1270-1275. Vol. IV. Pl. 265 A-259 D. Vol. V. Pl. 511 A-C. See also. Flury, S. *La mosquée de Nāyīn.* Syria XI. pp. 43-58. 1930.

⁸ Ettinghausen, R. op. cit. pp. 80. Pl. XIV, 4. XV. 1.

⁹ Ögel, S. *Anadolu Ağaç Oymacılığında Mail Kesim.* İstanbul Sanat Tarihi yaylığı 1964-65. *Der Schrägschnitt anatolischer Holzornamentik.* p. 110, Fig. 3.

¹⁰ Öney, G. *Anadolu Selçuklu Sanatında Hayat Ağacı Motifi.* *Das Lebens-*

When we study some of the details on the northern portal of the Ulu Mosque at Divriği (dated 1228/29), we can clearly observe the influence of Samarra Group I stuccos¹¹. For example, the curving of a half palmette in the form of a bird's beak, the large, round swelling reminiscent of a bird's eye and the sloped surface are typical (Fig. 8).

Another example is encountered at the portal of Kale Mosque at Divriği (Fig. 9) Here, the column capital is ornamented with half and full palmettes forming spiralling curves. This composition is definitely influenced by the so-called "Group I" Samarra stuccos, having close resemblance to stuccos of the medrese at Rayy. However, deep carving replaces the beveled style¹². This work is dated to 1180.

At the portal of Hızır İlyas Türbe at Develi (end of the 13th century), the stone carving forming the arabesque background shows reflections of Group I Samarra style with spirals, volutes and stylized half palmettes¹³ (Fig. 10).

Another work where influence of "Group I" Samarra stuccos is noticeable is the portal of Eşrefoğlu Mosque in Beyşehir, dated 1299. The second bordure from the outer edge has a palmette composition in deep relief, surrounded by stylized leaves forming spiralling curves, all reminiscent of the "Group I" Samarra stuccos¹⁴ (Fig. 11).

baum Motiv in der Seldschukischen Kunst in Anatolien. *Belleten* XXXII, 125. Ankara 1968. pp. 25-50. Figs 1-40. Öney, G. Anadolu Selçuk Sanatında Balık Figürü. *The Fish Motif in Anatolian Seljuk Art. İstanbul Sanat Tarihi Yıllığı* 1968. pp. 142-169. Figs. 1-20. Öney, G. Anadolu Selçuk Sanatında Ejder Figürleri. *Dragon Figures in Anatolian Seljuk Art. Belleten*, Ankara 1969. Vol. XXXIII, 130. pp. 171-216. Figs. 1-42. Öney, G. Anadolu Selçuk Mimarisinde Boğa Kabartmaları. *Bull. Reliefs in Anatolian Seljuk Architecture. Belleten* XXXIV. 133. Ankara 1970. pp. 83-120. Figs. 1-32. Öney, G. Anadolu Selçuk Mimarisinde Arslan Figürü. *Lion Figures in Anatolian Seljuk Architecture. Anadolu (Anatolia) XIII*, Ankara 1971. pp. 1-64. Figs. 1-84. Öney, G. Anadolu Selçuk Sanatında Kartal, Çift Başlı Kartal ve Avcı kuşlar. *Türk Tarih Kurumu anma yılığı*. Ankara 1972.

¹¹ Ögel, S. *Anadolu Selçuklularının Taş Tezyinatı*. Ankara 1966. pp. 21, 22, 115-117. Figs. 17-20. See also Gabriel, A. *Monuments Turcs d'Anatolie II*. Paris 1934. Pl. LXV., LXVI, 1, 2. LXVII, LXXII, 1.

¹² Gabriel, A. *Monuments Turcs II*. pp. 172-174.

¹³ Özgüç, T. - Akok, M. *Develi Abideleri*. *Belleten* XIX, 75. Ankara 1955. p. 383.

¹⁴ Otto-Dorn, K. *Seldschukische Holzsäulenmoscheen in Kleinasien. Aus der Welt der Islamischen Kunst. Festschrift für Ernst Kühnel*. pp. 77-85.

The ties to Samarra stuccos are not restricted to the above examples. In fact, a close inspection of Anatolian stone reliefs shows that many details in many cases have been influenced by the "Group I" Samarra stucco works by way of Iran. Beveled style also appears in Anatolian Seljuk wood workmanship.

As Professor Ettinghausen also points out, the side panels of the mimbar of the Ulu Mosque of Malatya are typical examples (Fig. 12). Presently, this work, which is dated by Prof. Ettinghausen to the 12th century, is at the Ethnographical Museum of Ankara¹⁵. Similar workmanship is observed on the side panels of the mimbar of Sare Hatun Mosque in Ermenek, also from the 12th century¹⁶. In her publications, Dr. Semra Ögel draws attention to this.

In addition to all these examples, we can mention the more complex and developed ornaments in beveled style on Anatolian Seljuk mimbars, and doors, along the bordures or on the side panels. Ulu and Lala Paşa Mosques of Kayseri, Ulu Mosque of Aksaray and Arslanhane Mosque of Ankara are some examples¹⁷.

In the case of Ulu Mosque of Sivrihisar, it is highly interesting to observe the beveled style on the wooden columns in front of the mihrab, as the ornamentation in this particular case originates wholly from Central Asian tent decorations¹⁸ (Fig. 13). These wooden columns and capitals are most probably from the first construction period of the mosque, that is to say from 1226.

¹⁵ Ettinghausen. R. op. cit. p. 82.

There is no inscription with date on the mimbar. See. Oral, Z. Anadolu'da Sanat Değeri Olan Ahşap Mimlerler, Kitabeleri ve Tarihçeleri. Vakıflar V. Ankara 1962. pp. 49-51. On the inscriptions at the eastern and western portals of the mosque, the date 1247 is given. On the other hand, an inscription at the Malatya Saray Mosque-accepted as having been brought from the Ulu Mosque - bears the date 1224. See. Arık, O. Malatya Ulu Camiinin Aslı Planı ve Tarihi Hakkında. Neu Datierung der Grossen Moschee in Malatya und Restitution Ihres Uhrprünglichen Plans. Vakıflar VIII. Ankara 1969. pp. 141-148. It is possible that the mimbar is from the same period as this dating.

¹⁶ Ögel, S. Anadolu Ağaç İşçiliğinde Mail Kesim. . . . pp. 110-119. Figs. 1-7.

¹⁷ Ögel, S. op. cit. p. 114. Fig. 4. and Öney, G. Anadolu Selçuklu ve Beylikler Devri Ahşap Teknikleri. Die Techniken der Holzschnitzerei zur Zeit der Seldschuken und während der Herrschaft der Emirate in Anatolien. İstanbul Sanat Tarihi Yıllığı. İstanbul 1970. p. 143. See also. Oral, Z. op. cit. pp. 23-77.

¹⁸ Otto-Dorn, K. Die Ulu Dchami in Sivrihisar. Anadolu (Anatolia) IX. 1965. Ankara 1967. Figs. VI-VII. p. 168.

The so-called "Group II" stuccos from Samarra constitute examples with stylized scrolls inside geometrical patterns and leaf motifs having perforated surface, carved instead of being moulded¹⁹. In this group, designs stand out better with sharper contrast created by shadows (Fig. 14).

The stuccos from 9th-10th century Samanids found at Horasan during the Nishapur excavations by the Metropolitan Museum of Art are the earliest and closest parallels of this type in Iran (Fig. 15). They attract attention with their palmette leaves resembling stylized bird heads and variations of perforated surfaces²⁰. This stucco style has survived in Iran until the 15th century in spite of transformations it has undergone.

For instance, the stucco panels in the 12th century Rayy medrese constitute one of the earliest examples for such works²¹. Here, a variety of stylized leaves with their perforated surfaces form interesting compositions. While some of the leaf decorations are placed within geometrical frames, like the Samarra examples, (Figs. 16, 17), some others spread out in arabesque compositions. Many other examples develop into a complex arabesque web, like —for instance— the ornaments on the side mihrabs of Masjid-i-Jum'a in Ardistan dated to around 1180²². (Fig. 18).

The closest, parallel examples of this stucco style outside Iran are found in Egypt, again in Fatimid works. For instance, at Al-Azhar Mosque, the stucco decorations, dated to 1130-1149, on the arches under the dome at the entrance to the transept show great similarities to Samarra "Group II" and Nishapur stuccos²³ (Fig. 19).

¹⁹ Herzfeld, E. *Der Wandschmuck der Bauten von Samarra*. pp. 117-182. See also. Dimand, M. S. *Studies in Islamic ornament I. Some Aspects of Omayyad and Early Abbasid Ornament I. Ars Islamica IV*. pp. 293-337. and Dimand, M. S. *Studies in Islamic Ornament II. The Origin of the Second Style of Samarra Decoration*. pp. 67, 68. Pl. VII, 1-3.

²⁰ Dimand, M. S. *Samanid Stucco Decoration from Nishapur. Journal of the American Oriental Society LVIII*. 1938. pp. 258-61.

²¹ Ettinghausen, R. *op. cit.* p. 80. Pl. XIV,3,4. Pl. XV, 1.

²² Pope, A. U. *A survey of Persian art. Vol. IV. Pl. 319-324*. See also Godard, A. *Les anciennes mosquées de l'Iran, Ardistan et Zaware. Athâr-é Irân I. Paris 1936*. pp. 285-305.

²³ Creswell, K. A. C. *op. cit.* Pl. 90-91, pp. 255-256.

The reflections of this style reaching Anatolia by way of Iran are noteworthy –though limited– in Seljuk Period stucco and stone works. It is possible to detect such influence in the mihrab of Arslanhane Mosque in Ankara²⁴. The plant motif and dragon-like decoration at the top of the mihrab, the stucco rosette crowning the niche and the perforated surfaces of the flowers display influence of Iranian stuccos (Fig. 20).

During the excavations made in July, 1970 at the Ulu Mosque of Van, under the direction of Professor Oktay Aslanapa, diverse material was found in the mihrab, the southern and the eastern walls, bearing similarities to stuccos at Maşjid-i-Jum'a of Qazwin. The mihrab was earlier published by Bachmann. The new dating of this work is end of 14th century²⁵.

The effects of Iranian stuccos in the so-called "Samarra II" style are also seen in some details of Anatolian Seljuk stone workmanship. On the northern portal of Ulu Mosque in Divriği, it is interesting to note that the stone palmettes are sometimes placed on perforated surface, reminiscent of stuccos (Fig. 8). Again, at the same portal, the perforated lattice work of the life tree, resembling a large sun flower, appears as a replica of the Nishapur and Rayy stuccos, only with bolder design (Fig. 21).

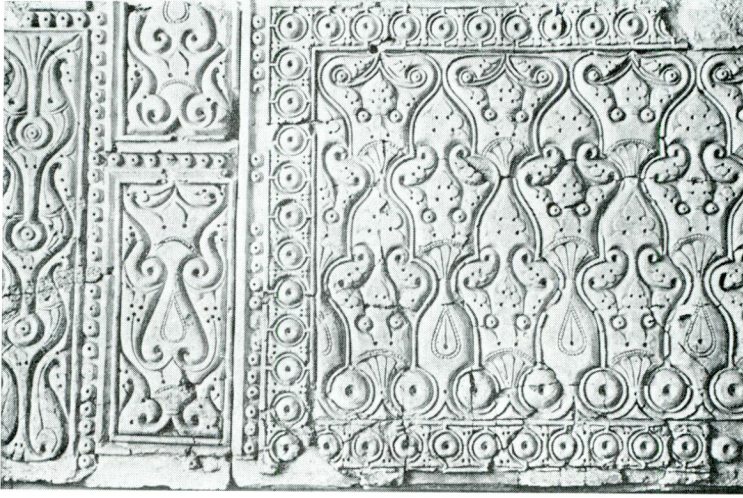
The arabesque decorations with half palmettes on perforated background at the marble mimbar door of Alaeddin Mosque in Sinop is suggestive of the stucco style developed in Iran. This work is presently at the Turkish and Islamic Works Museum in Istanbul. This door has been previously dated to 15th-16th centuries. However, in our opinion, it cannot be later than 13th-14th centuries²⁶ (Fig. 22).

The presentation of plant design inside geometrical framework is repeated frequently in "Group II" Samarra works and in various stuccos in Iran (Fig. 17). Similarities to these stucco works are noticed

²⁴ Otto-Dorn, K. Der Mihrab der Arslanhane Moschee in Ankara. *Anatolia I.* Ankara 1956. pp. 71-75.

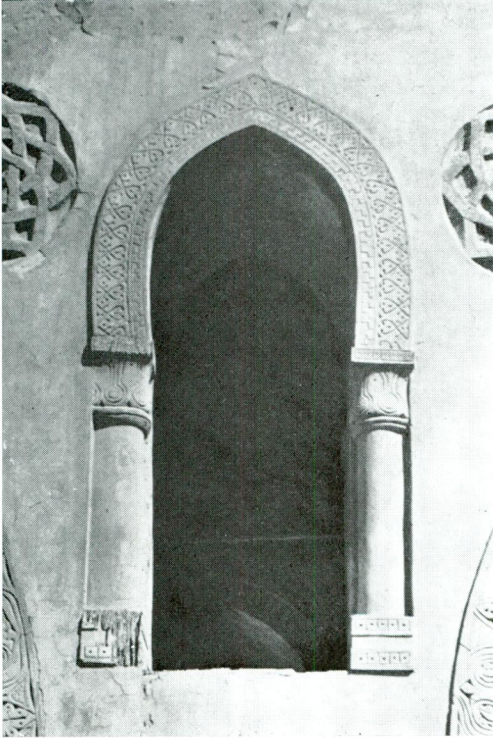
²⁵ Aslanapa, O. 1970 Temmuz Van Ulu camii kazısı. *Sanat Tarihi Yıllığı IV.* Istanbul 1970-71. pp. 1-8. Figs. A-D. 5-11, 15, 18. See also. Bachmann, W. *Kirchen und Moscheen in Armenien und Kurdistan.* Leipzig 1913. pp. 73-74, 69-74.

²⁶ Ogan, A. - Kühnel, E. *Istanbul arkeoloji müzelerinde şaheserler.* Meisterwerke der archäologischen Museen in Istanbul. Bd. III. Berlin-Leipzig 1938. Pl. 9. p. 36.



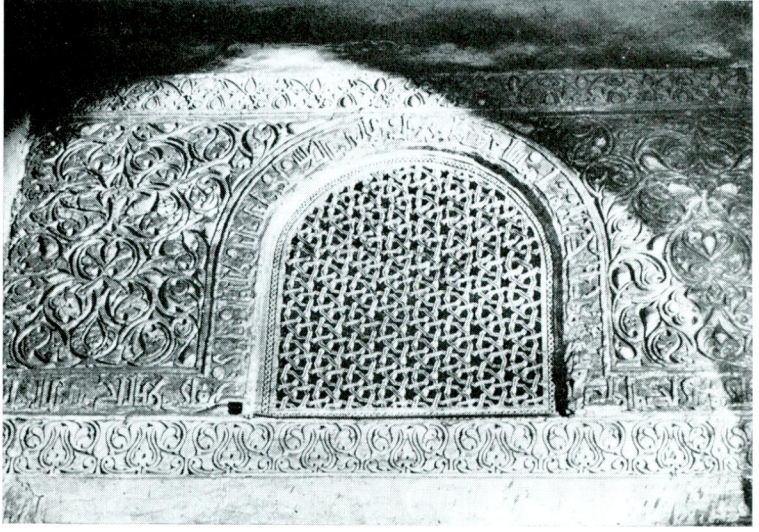
Res. 1 — Samarra alçısı (Doğu Berlin Müzesi).

Fig. 1 — Stucco from Samarra (East Berlin Museum).



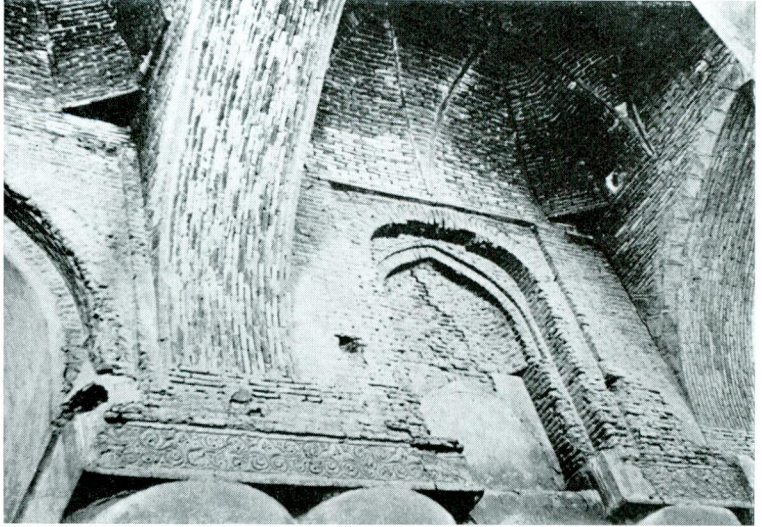
Res. 2 — Kahire Tolunoğlu
Camii revak penceresinde
alçı dekor.

Fig. 2 — Stucco decoration on
the window arch at the Tulu-
nid Mosque in Cairo



Res. 3 — Kahire El Ezher Camii hariminde alçı dekor.

Fig. 3 — Stucco decoration in the sanctuary of Al-Azhar Mosque in Cairo



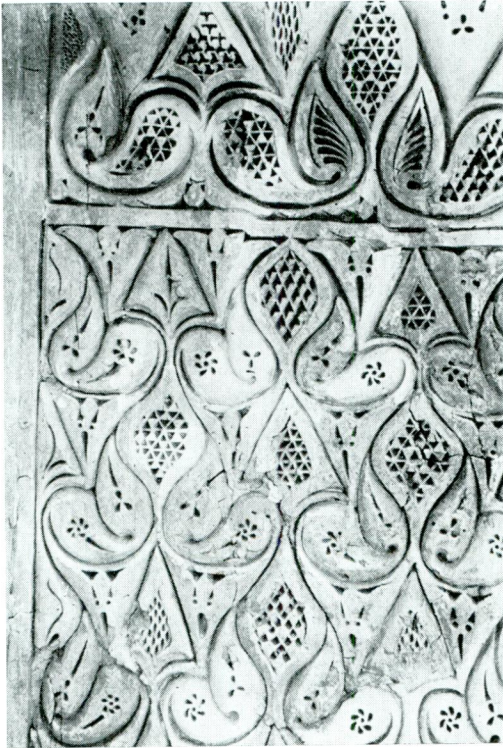
Res. 4 — İsfahan Mescidi Cuma destek kirişlerinde alçı dekor.

Fig. 4 — Stucco decoration on the impost blocks of
Masjid-i-Jum'a in Isfahan



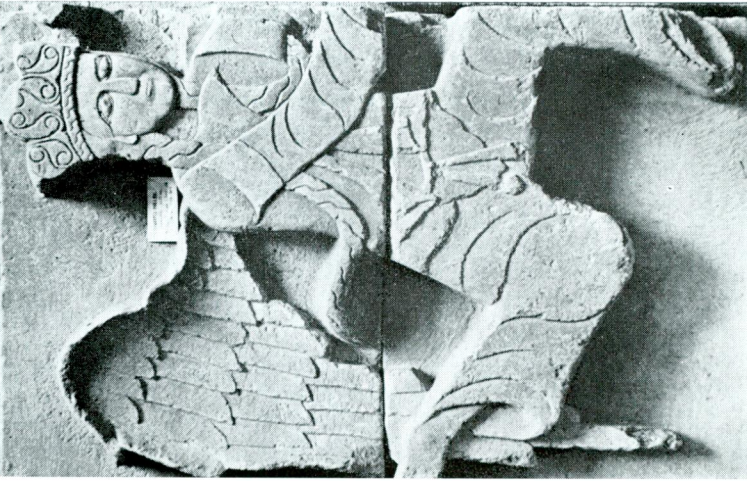
Res. 5 — Nayin Ulu Camii alçı mihrabından detay.

Fig. 5 — Detail from the stucco mihrab at Nayin Ulu Mosque in Iran.



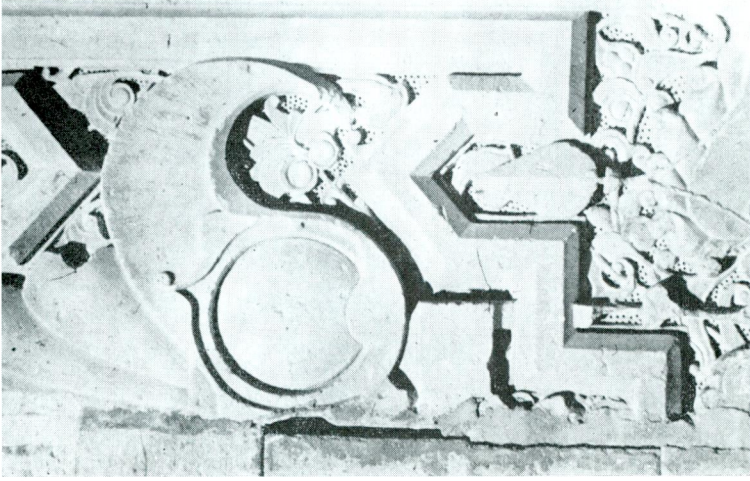
Res. 6 — Rey Medresesinden alçı (Tahran Millî Müzesi).

Fig. 6 — Stucco from Medrese at Rayy (National Museum in Teheran)

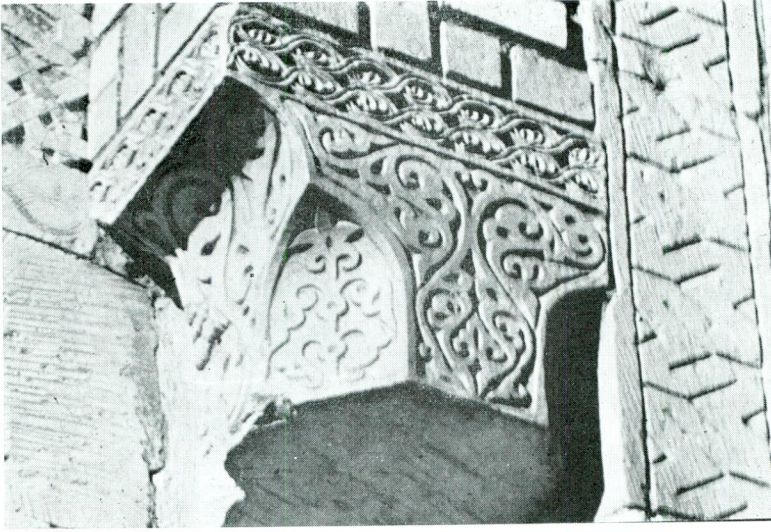


Res. 7 — Konya Kalesinden
taş kabartma melek
(Konya İnce Minareli Medrese Müzesi).

Fig. 7 — Stone relief with angel figure from
the Konya Fortress
(Konya İnce Minareli Museum)

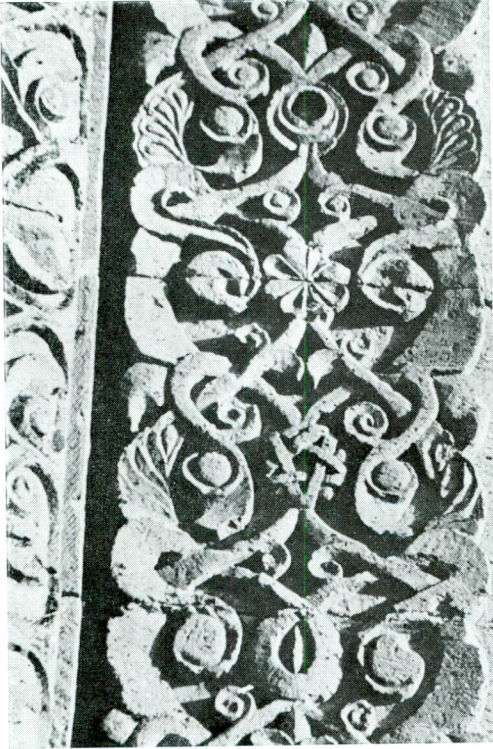


Res. 8 — Divriği Ulu Camii
kuzey portalından detay.
Fig. 8 — Detail from the northern portal of
Ulu Mosque in Divriği.



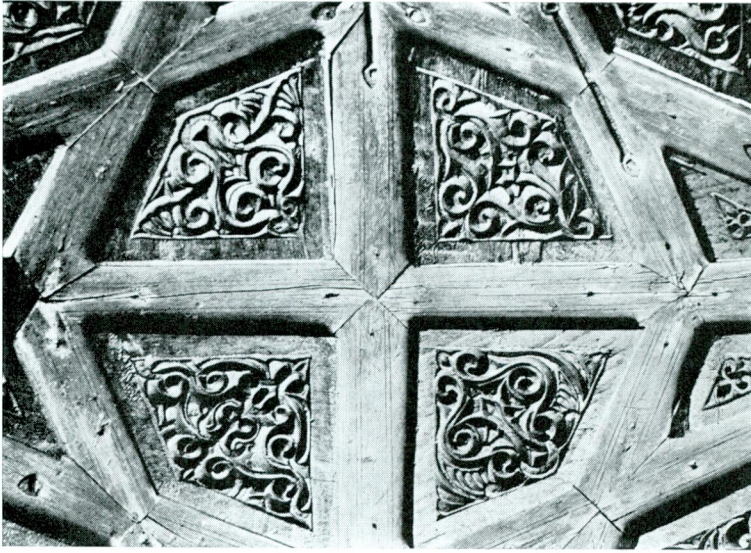
Res. 9 — Divriği Kale Mescidi portalinden detay.

Fig. 9 — Detail from the northern portal of Kale Mosque in Divriği.



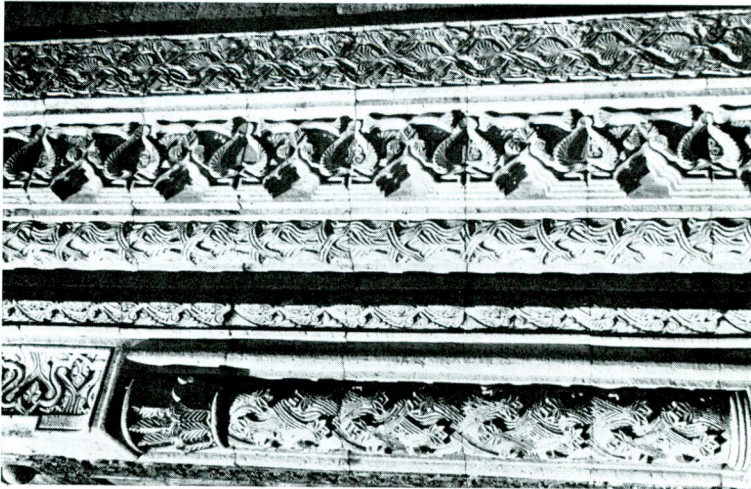
Res. 10 — Develi Hızır İlyas Türbesi portalinden detay.

Fig. 10 — Detail from the portal of Hızır İlyas Türbe in Develi.



Res. 12 — Malatya Ulu Camii mimberinden detay.

Fig. 12 — Detail from the mimbar of Ulu Mosque in Malatya.



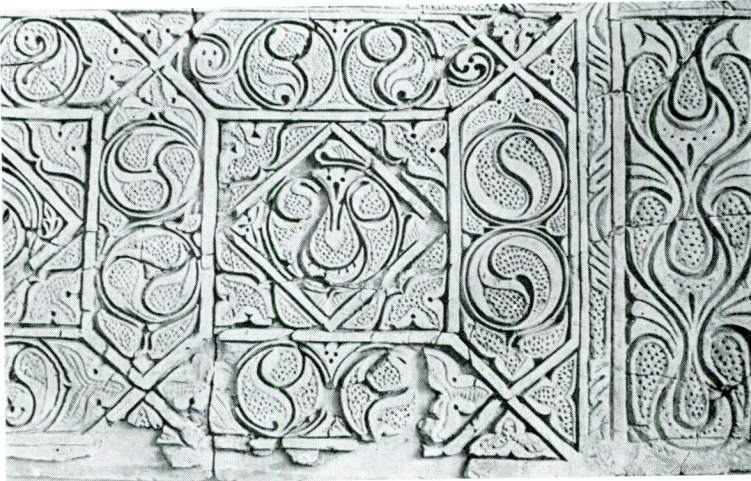
Res. 11 — Beşşir Eşrefoğlu Camii portalinden detay.

Fig. 11 — Detail from the portal of Eşrefoğlu Mosque in Beşşir.



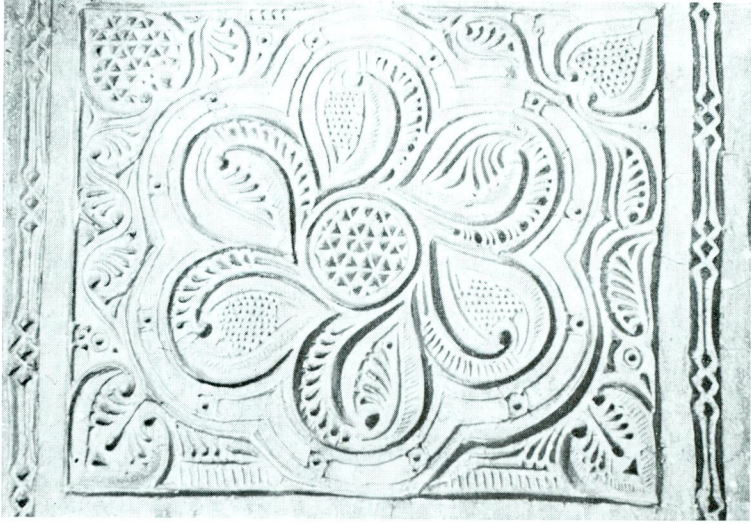
Res. 13 — Sivrihisar Ulu Camiinden
den detay.

Fig. 13 — Detail from the
Ulu Mosque of Sivrihisar.



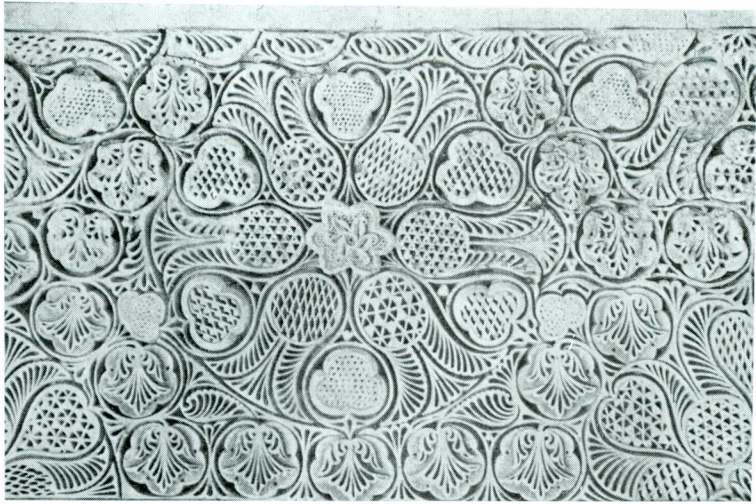
Res. 14 — Samarra Ulu Camiinden alçı (Doğu Berlin Müzesi).

Fig. 14 — Stucco from the Ulu Mosque of Samarra (East Berlin Museum)



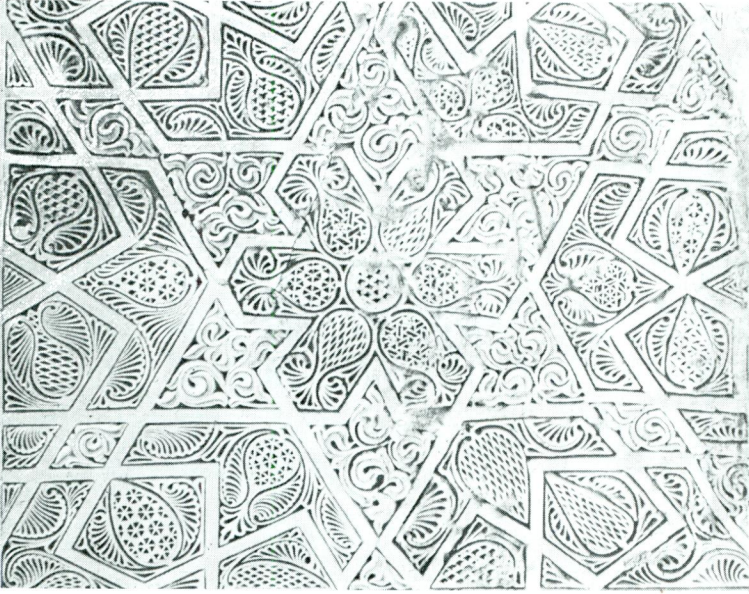
Res. 15 — Nişapur alçısı (Tahran Milli Müzesi)

Fig. 15 — Nishapur stucco (National Museum in Teheran)



Res. 16 — Rey Medresesinden alçı (Tahran Milli Müzesi)

Fig. 16 — Stucco from Medrese in Rayy (National Museum in Teheran).



Res. 17 — Rey Medresesinden alçı (Tahran Millî Müzesi)

Fig. 17 — Stucco from Medrese in Rayy
(National Museum in Teheran).

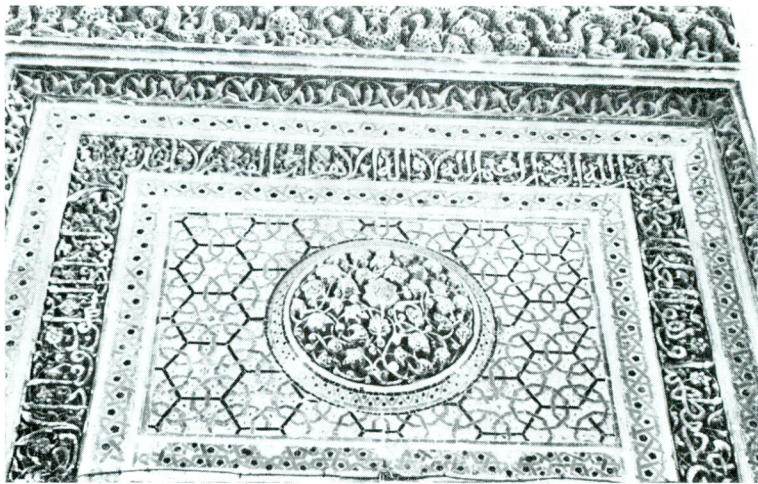


Res. 18 — Ardistan Mescidi Cuma yan mihrabında alçı dekor.

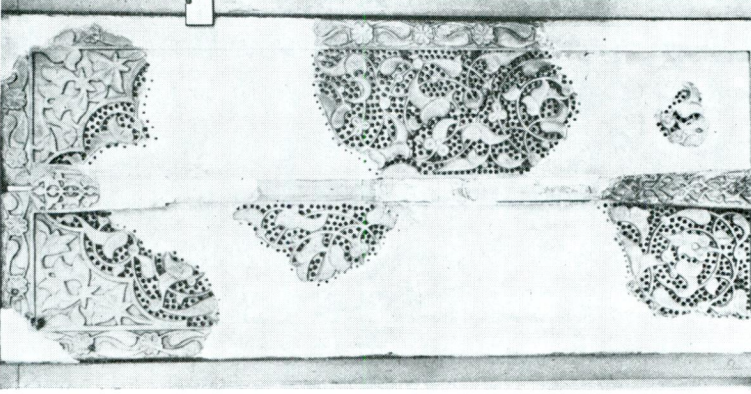
Fig. 18 — Stucco decoration on the side mihrabs of
Masjid-i Jum'a in Ardistan



Res. 19 — Kahire El Ezher camii harim kubbe altı kemerinde alçı.
Fig. 19 — Stucco decoration from Al-Azhar Mosque in Cairo.

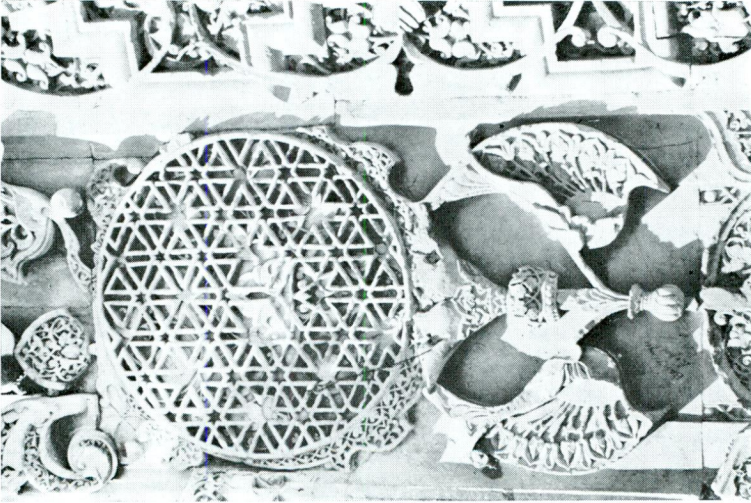


Res. 20 — Ankara Arslanhane Camiinin çini mozayik ve alçılı mihrabı.
Fig. 20 — Mihrab of Arslanhane Mosque in Ankara.



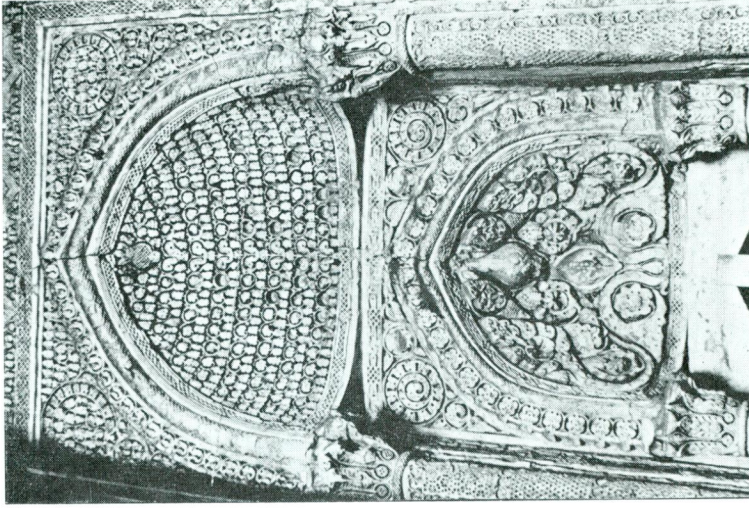
Res. 22 — Sinop Alaeddin Camii taş mimbri kapaşı. (Istanbul Türk ve İslam Eserleri Müzesi)

Fig. 22 — Marble mihrab door of Alaeddin Mosque in Sinop (Turkish and Islamic Works Museum, Istanbul)

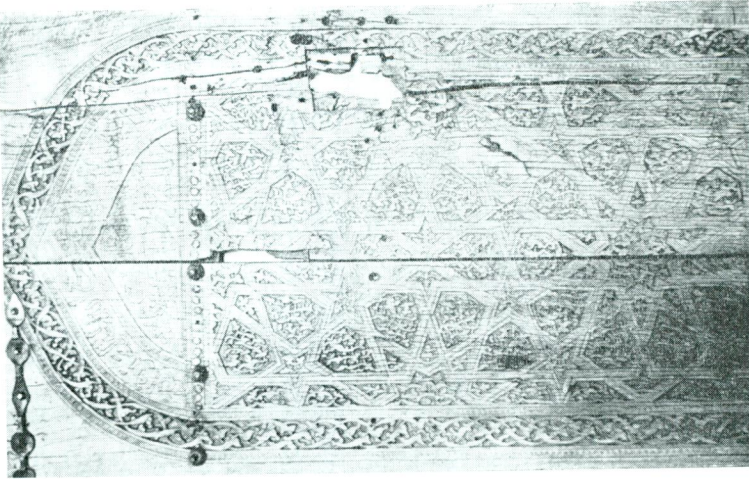


Res. 21 — Divriği Ulu Camii kuzey portalinden detay.

Fig. 21 — Detail from the northern portal of the Ulu Mosque in Divriği.



Res. 24 — Nayin Ulu camii alçı mihrabı.
Fig. 24 — Stucco mihrab of Nayin Ulu Mosque.

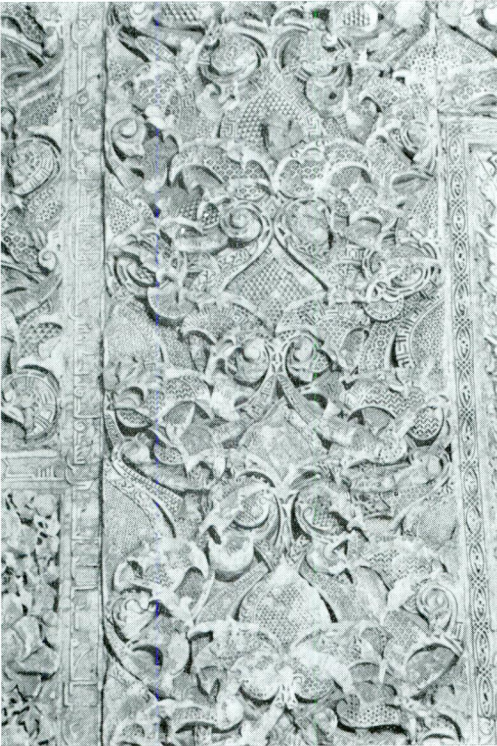


Res. 23 — Ankara Baklacı Baba mescidi
kapısı (Ankara Etnografya Müzesi)
Fig. 23 — Door from Baklacı Baba
Mosque in Ankara
(Ethnographical Museum of Ankara)



Res. 25 — Kazvin Mescidi Haydariye alçı mihrabı.

Fig. 25 — Stucco mihrab of Masjid-i - Haydariya of Qazwin.



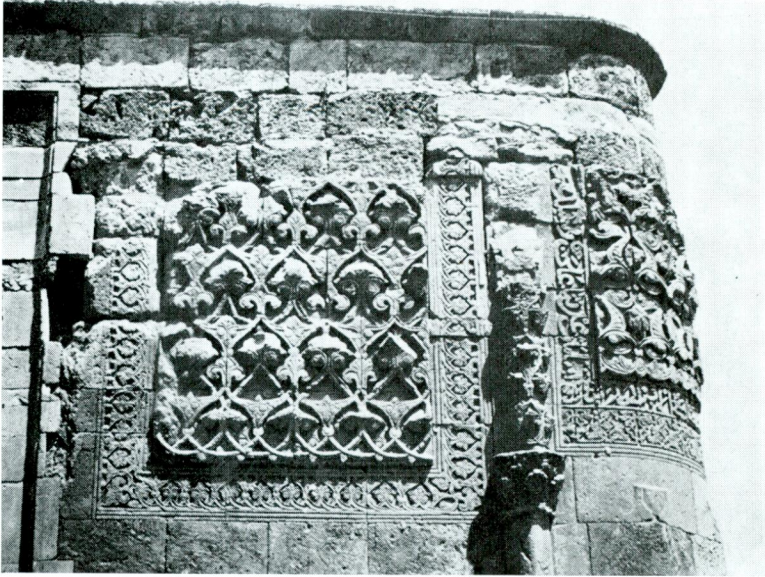
Res. 26 — Veramin Mescidi
Cuma alçı mihrabı detayı.

Fig. 26 — Detail from the stucco
mihrab of Masjid-i-Jum'a
in Veramin.



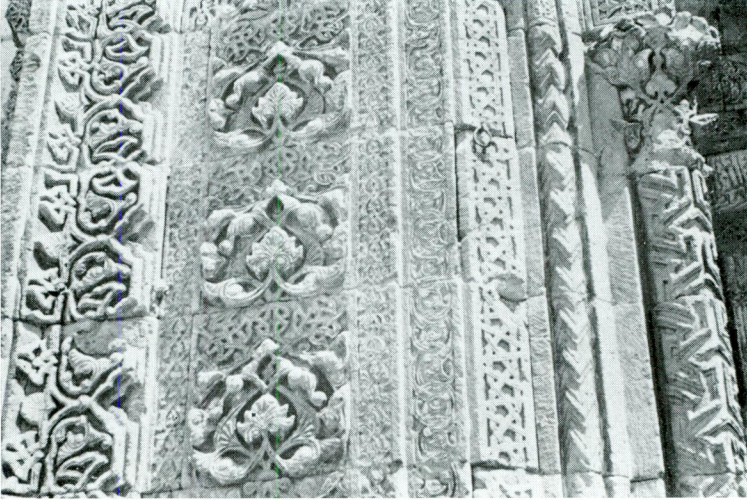
Res. 27 — Sivas Çifte Minareli Medrese portalinden detay.

Fig. 27 — Detail from the portal of the Çifte Minareli Medrese of Sivas.



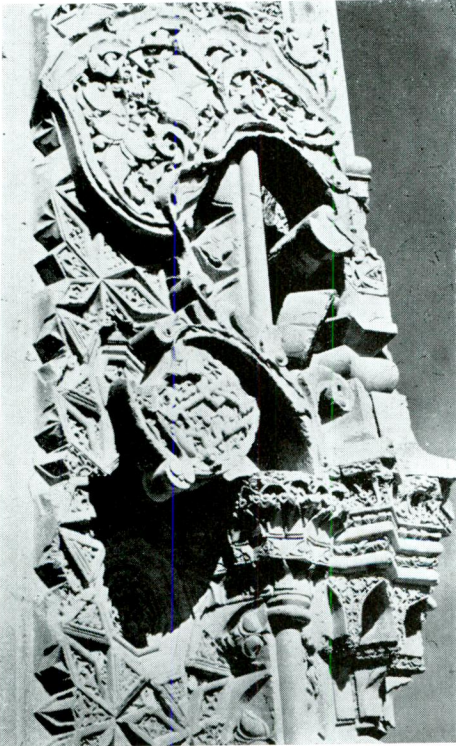
Res. 28 — Amasya Turumtay türbesi cephesinden detay.

Fig. 28 — Detail from the façade of Turumtay Türbe in Amasya.



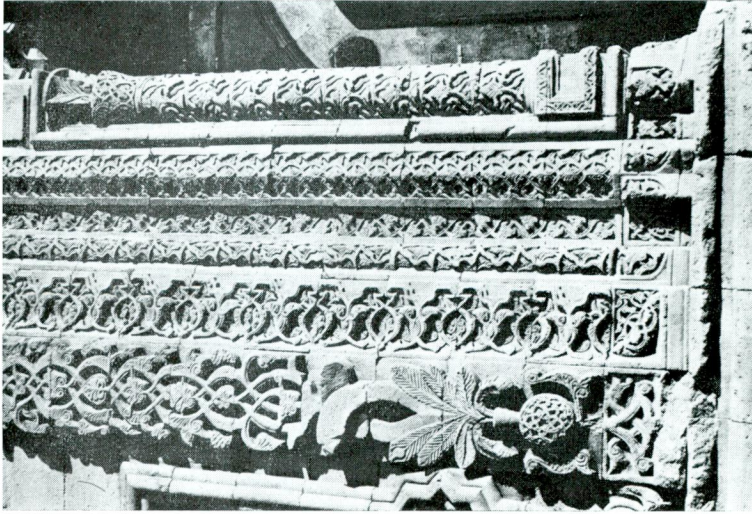
Res. 29 — Amasya Bimarhane portalinden detay.

Fig. 29 — Detail from the portal of Bimarhane in Amasya.



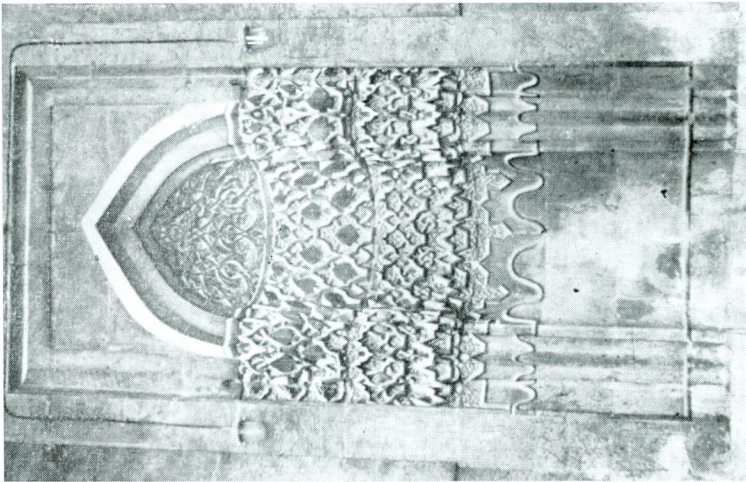
Res. 30 — Divriği Ulu Camii
kuzey portalinden detay.

Fig. 30 — Detail from the northern
portal of the Ulu Mosque in Divriği.



Res. 32 — Erzurum Çifte Minareli Medrese portalinden detay.

Fig. 32 — Detail from the portal of the Çifte Minareli Medrese in Erzurum



Res. 31 — Divriği Ulu Camii taş mihrabı.

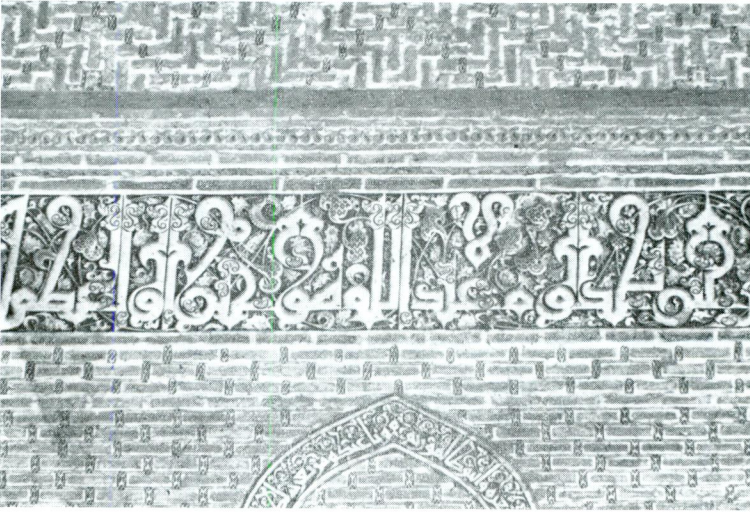
Fig. 31 — Stone mihrab of the Ulu Mosque in Divriği.

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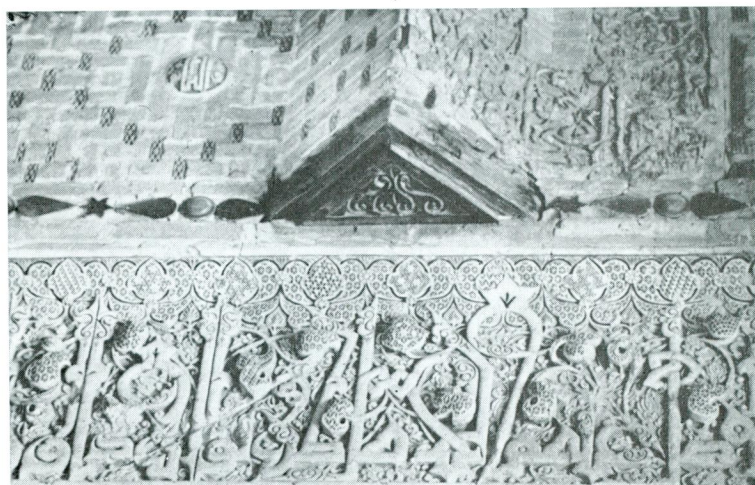
Res. 33 — Erzurum Çifte Minareli medrese sütun başlığı.

Fig. 33 — Column capital from the Çifte Minareli Medrese in Erzurum.



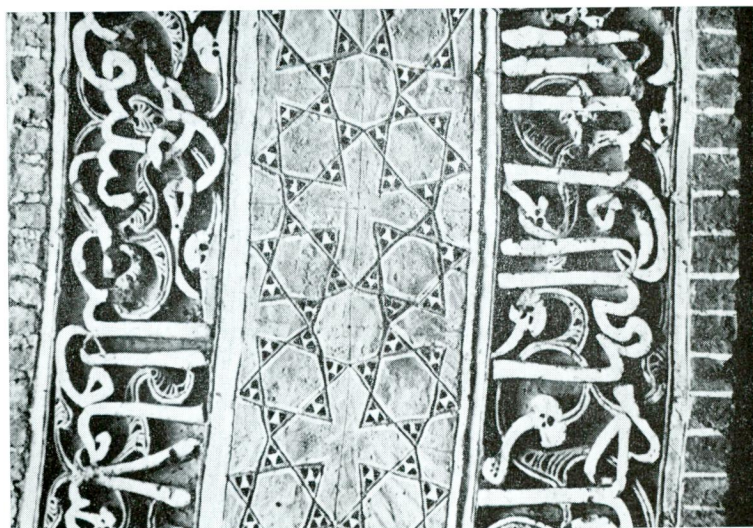
Res. 34 — Kazvin mescidi Cuma köşk mescidinde alçı dekor.

Fig. 34 — Stucco decoration from the köşk masjid at Masjid-i-Jum'a in Qazwin.



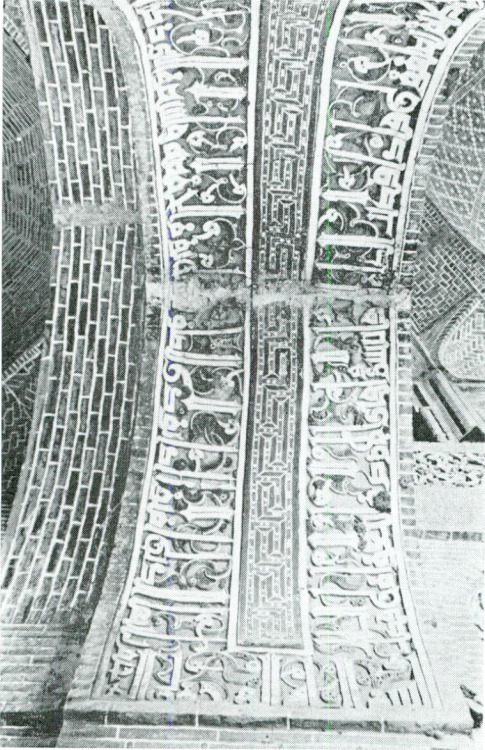
Res. 35 — Kazvin Mescidi Haydariye'de alçı dekor.

Fig. 35 — Stucco decoration from Masjed-i-Haydariya in Qazvin.



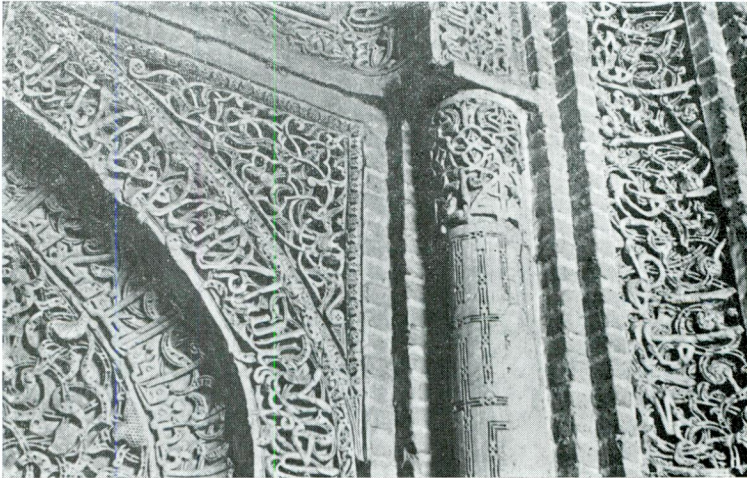
Res. 36 — Ardistan Mescidi Cuma köşk mescid kemerinden alçı dekor.

Fig. 36 — Stucco decoration on the arch of the kiosk masjid at the



Res. 37 — Ardistan Mescidi Cuma köşk mescid kemerinden alçı dekor. Maşjid-iJum'a in Ardistan.

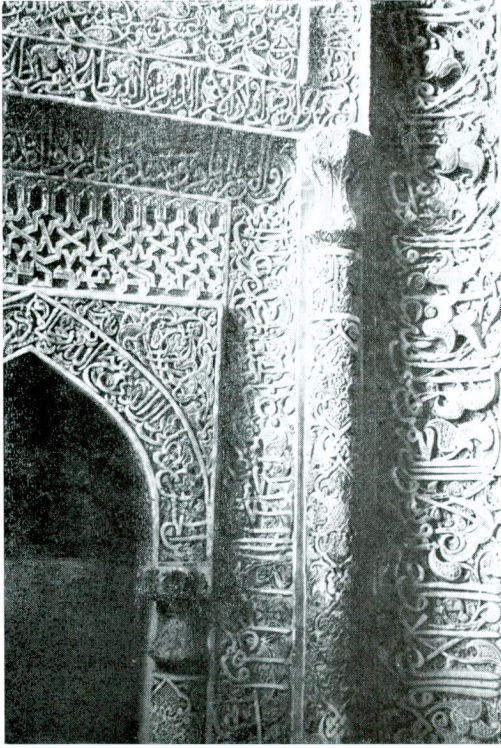
Fig. 37 — Stucco decoration on the arch of the kiosk maşjid at the Maşjid-i-Jum'a in Ardistan.



Res. 38 — Ardistan Mescidi Cuma alçı mihrabından detay.

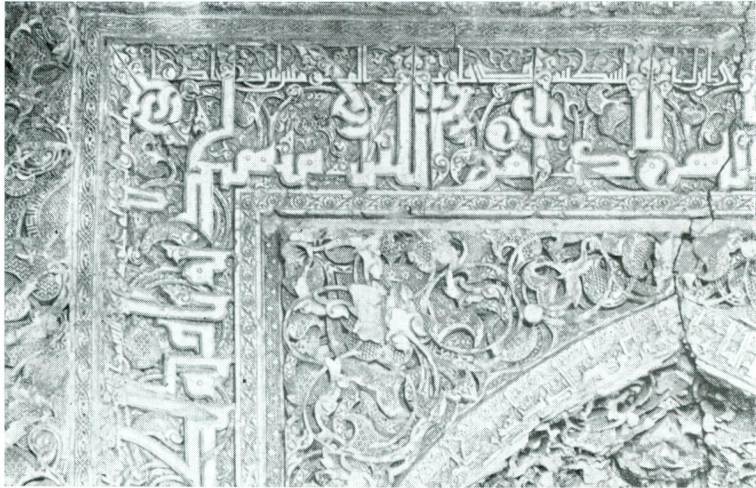
Fig. 38 — Detail from the stucco mihrab of Maşjid-iJum'a in Ardistan.

G. Öney



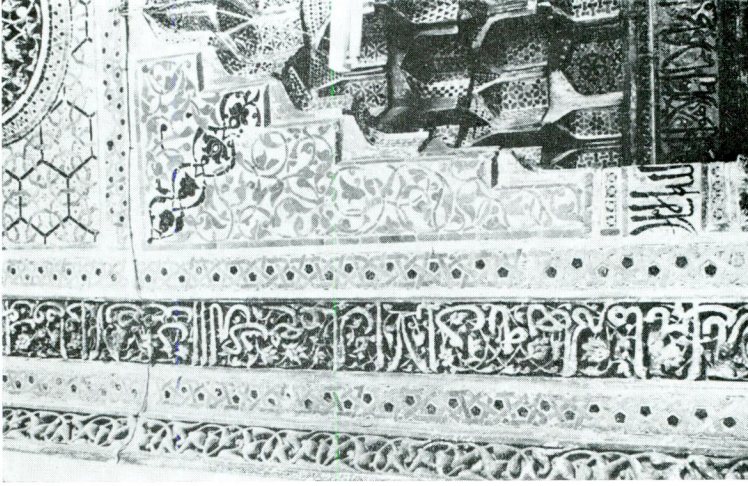
Res. 39 — İsfahan Mescidi
Cuma alçı (Olcayto) mihrabı.

Fig. 39 — Stucco mihrab
(Olcayto mihrab) at Masjid-i-
Jum'a in Isfahan.



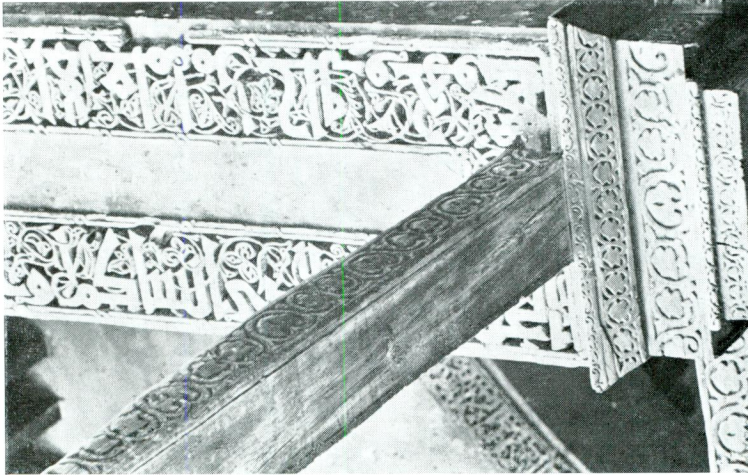
Res. 40 — Veramin Mescidi Cuma alçı mihrabından detay.

Fig. 40 — Detail from the stucco mihrab of Masjid-i-Jum'a in Veramin.



Res. 42 — Ankara Arslanhane camii mihrabından detay.

Fig. 42 — Detail from the mihrab of Arslanhane Mosque in Ankara.



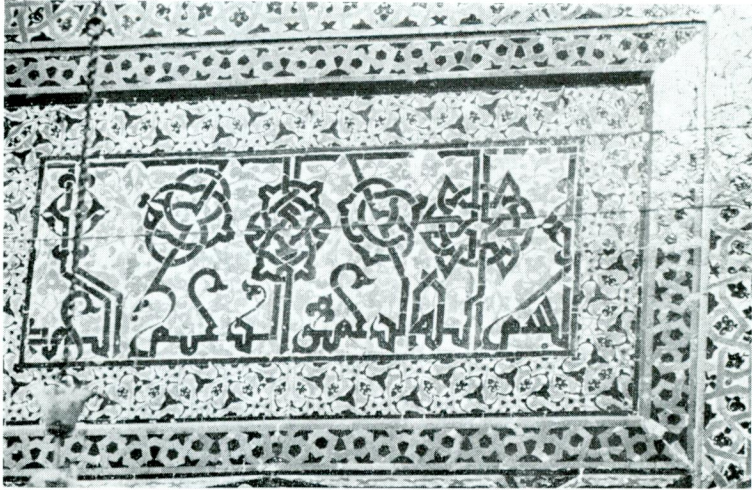
Res. 41 — Kahire Es Salih Talai camiinden alçı dekor.

Fig. 41 — Stucco decoration from the As-Sâlih Talâi Mosque in Cairo.



Res. 43 — Siirt Ulu Camii mimberi ahnlığından detay
(Ankara Etnoğrafya Müzesi)

Fig. 43 — Detail from the mimbar of the Ulu Mosque in Siirt
(Ethnographical Museum in Ankara)



Res. 44 — Kayseri Kölük camii çini mozayik mihrabından detay.

Fig. 44 — Detail from the mihrab of Külük Mosque in Kayseri.

in Anatolian Seljuk woodwork. The side panels of mimbars carved in *kündekâri* technique, the doors and window covers in *false kündekâri* technique contain various compositions bearing similarities to designs observed on stucco works in Iran, indicating strongly that the origin of such wood workmanship may be Iranian Seljuk stuccos²⁷.

The door from Baklacı Baba Mosque in Ankara is an interesting example. Here, *false kündekâri* technique has been used with the insides of star and lozenge-shaped motifs filled with palmettes and arabesques²⁸. (Fig. 23) The masjid is dated to 1297-98 and the door is presently in the Ethnographical Museum of Ankara. Similar examples are numerous in Anatolian wood workmanship.

The influence of bold stucco decorations in baroque character with protruding embellishments, of Iranian origin, is felt strongly in Anatolian Seljuk stone works. The earliest example in Iran with baroque character is the mihrab of Nayin Ulu Mosque, dated to 960²⁹ (Fig. 24). Inside the mihrab niche the large, stylized leaves –besides displaying effects of Samarra styles I and II– become pioneers of a new style with their full presentation in high relief. The earliest and most typical examples of baroque style in Iran are observed in Masjid-i-Haydariya of Qazwin from early 12th century (Fig. 25) and in Gumbadh-i-'Alawiyyan of Hamadan from the end of 12th century³⁰. Stylized half and full palmettes draw attention with their perforated surfaces and baroque character. This baroque style is observed in Iranian stuccos in various works until the 15th century. As observed in the mihrab of Masjid-i Haydariya in Qazwin, blue

²⁷ Öney, G. Ahşap Teknikleri. pp. 136-141. Figs. 1-4.

²⁸ Öney, G. Ankara'da Türk Devri Dini ve Sosyal Yapıları. Turkish Period Buildings in Ankara. Ankara 1971. pp. 91, 299.

²⁹ See foot note 7.

³⁰ Pope, A. U. A survey of Persian art. . . Vol. IV. Pl. 329-332, Vol. V. Pl. 512 A-C, 513, 523, 524. Vol II. Architectural Ornament. pp. 1293-1321. See also Herzfeld, E. Die Gumbadh-i Alawiyyan und die Baukunst der Ilkhane in Iran. A volume of Oriental studies presented to E. G. Browne 1922. pp. 186-199. The Gumbadh-i-'Alawiyyan is dated here to 1309-1316. Dimand and Wilber are dating both buildings to the Mongol Period. See. Dimand, M. A handbook of Mohammedan Art. p. 98. and Wilber, D. The architecture of Islamic Iran. The Ilkhanid period. New Jersey 1955. pp. 151-152. for Gumbadh-i-'Alawiyan he gives the date 1315.

painting in the background is characteristic for these stuccos which were usually painted in their period.

The side mihrab of Masjid-i-Jum'a in Ardistan with its plant motif and ornamental inscription is another example where baroque style has been applied in a more moderate manner³¹. (Fig. 18).

The mihrab of Masjid-i-Jum'a in Veramin is a typical example for stucco decoration in baroque character which is continued during the Mongol Period and becomes more complex and richer in design³². (1322-26) (Figs. 26, 40).

The Iranian Seljuk stuccos of baroque character are definitely the origin of stone workmanship in baroque style encountered in various Anatolian Seljuk works all over Anatolia. The same stylized full and half palmettes, arabesque design and rosettes re-appear in stone carving with some modifications due to change of material.

The complex decorations on the portal of Çifte Minareli Medrese of Sivas, dated 1271-72, and in the front fountain *sebil* are typical examples³³. (Fig. 27).

On the façade of Turumtay Türbe in Amasya, dated 1266-67, the baroque decoration with full and half palmettes bears witness to the continued influence of Iranian stuccos³⁴. (Fig. 28).

At the portal of Bimarhane in Amasya, the life tree in baroque style is closer to Iranian examples with its large, full leaves and complex composition³⁵. This work is dated to 1308-9 (Fig. 29).

The northern portal of the Ulu Mosque and the portal of Darüş-şifa in Divriği mentioned earlier are typical examples where baroque decoration is used in an extreme and most liberal manner³⁶ (Fig. 30).

³¹ Pope, A. U. A Survey . . . Vol IV. Pl. 319-324 A, B. Also Pope, A. U. The historic significance of stucco decoration in Persian architecture. The art bulletin XVI-1934. pp. 31-32. and Godard, A. Les anciennes mosquées de L'Iran, Ardistan et Zaware. Athâr-é Irân. I. 1936

³² Wilber, D. The Architecture of Islamic Iran . . . p. 158.

³³ Gabriel, A. Monuments Turcs d'Anatolie. II. Paris 1934. pp. 151-152. Pl. XLV 1, 2. Pl. XLVI, 2. We see similar baroque ornamentation in the façade supports of Sivas Gök Medrese. Gabriel, A. Pl. LIII, 1, 2. Pl. LIX, 1-4.

³⁴ Gabriel, A. op. cit. p. 23. Pl. XV, 2. and Arık, O. Erken devir Anadolu Türk Mimarisinde Türbe Biçimleri. "Türbe" Forms in Early Anatolian Turkish Architecture. Anadolu (Anatolia) XI. Ankara 1969. pp. 92, 114.

³⁵ Gabriel, A. op. cit. pp. 46-50. Pl. XI, 2. XII.

³⁶ Arel, H. Divriği Ulu camii kuzey portalı ve mimari kuruluşu. Vakıflar V. Ankara 1962. p. 99. See also Divriği Ulu camii tekstil kapısı ve diğerleri. p. 113.

The large medallions, full and half palmettes and life trees have, however, assumed an Anatolian character. The stone mihrab of the Ulu Mosque with its composition of large palmettes is an interesting example reminiscent of Iranian stucco mihrabs having baroque character (Fig. 31).

At Çifte Minareli Medrese in Erzurum, from the end of 13th century, the portal has, in addition to the figural decoration, plant design of baroque character along the side bordures (Fig. 32). Inside the building proper, similar plant design in baroque character appears on the columns and capitals³⁷. These can be added to the examples mentioned earlier (Fig. 33.).

The multi-layered stucco workmanship, first developed in Iran, leaves one admiring as we observe their ever-increasing fineness and complexity of design until the 15th century. One of the earliest examples of this type of stucco decoration is seen on the stucco bordures on the walls of the kiosk maşjid at Maşjid-i Jum'a in Qazwin from early 12th century³⁸ (Fig. 34). The complex arabesque under the masterful kufic inscription displays very fine and skillful style. Another early successful example from the same period is found at the kiosk maşjid of Maşjid-i Haydariya in Qazwin in the form of a stucco bordure with kufic inscription³⁹. (Fig. 35).

The decoration with multi-lined inscription at Ardistan maşjid constitutes one of the most impressive known examples in this field⁴⁰. (Fig. 36, 37) Kufic and neshi inscriptions stand out over the complex arabesque background with light and shadow contrasts. We can

³⁷ Karamağaralı, H. Erzurum'daki Hatuniye medresesinin tarihi ve banisi hakkında bazı mülâhazalar. Einige Bemerkungen zur Gechichte und über die Stifterin der Hatuniye Medrese in Erzurum. Selçuklu Araştırmaları Dergisi III. Ankara 1971. pp. 209-247, Figs. 1-26. See also Rogers, M. The Çifte Minare Medrese and the Gök Medrese at Sivas. Anatolian Studies. Vol. XV. Ankara 1965. pp. 63-85. Pl. IV-XV.

³⁸ Pope, A. U. A Survey... Vol. II. pp. 1293-1321. Vol. V. Pl. 523-524. Pope, A. U. Notes on the Stucco Ornament in the Sanctuary of the Maşjid-i Jami Qazwin. Bulletin of the American Institute for Persian Art and Archeology IV. 1936. pp. 209-216. Pope, A. U. The Historic Significance of Stucco Decoration in Persian Architecture. The art bulletin XVI. 1934. pp. 321-32.

³⁹ See foot note 30.

⁴⁰ See foot note 31.

point out the main mihrab of the same work as an example of multi-layered, rich craftsmanship (Fig. 38).

A well known complex and rich later example, dated 1310, is the Olcayto mihrab at Masjid-i Jum'a of Isfahan⁴¹. (Fig. 39). As you will note, stucco art attains a more complicated and multi-layered craftsmanship during the Mongol Period. The mihrab of Masjid-i-Jum'a in Veramin is another typical example for this development⁴². The dating here is 1322-26 (Figs. 26, 40).

Outside Iran, parallels to this type of stuccos are encountered in Fatimid stuccos in Egypt. For example, the various bordures with kufic inscription in the prayer hall (harim) of As-Sâlih Talâi Mosque clearly reflect Iranian stucco style with the manner they are presented on arabesque background⁴³ (Fig. 41).

The multi-layered stucco decorations have parallels in Anatolian Seljuk stucco work, in stone work, wood work and even in faience mozaic work. As in Iran, in later works—for instance, in Ilhanid Period works—the examples become finer, more intricate and complex, more diverse and richer in design.

As a major example for stucco works, the stucco bordures with inscription of the mihrab of Arslanhane Mosque in Ankara are typical for multi-layered decoration⁴⁴ (Fig. 42). The decoration with neshi inscription on complex arabesque background perpetuates the effects of Iranian stuccos.

We can cite numerous examples among Seljuk Period stone works to demonstrate the effects of multi-layered Iranian stuccos. The most significant—and also most extreme—example is the multi-layered decoration at the northern portal of Ulu Mosque in Divriği (Fig. 30). Inside the full and half palmettes, stars and rosettes, we

⁴¹ Pope, A.U. *A Survey...* vol. IV. Pl. 396. See also Godard, A. *Mesjid-é Djuma d'Isfahan. Athâr-é-Irân* III. 1947.

⁴² See foot note 32.

⁴³ Creswell, K. A. C. *Architecture of Egypt...* pp. 275-288. Pl. 100 a, 105 a-d, 108 a-d. For multi-layered stucco decoration, we can mention as examples the mihrabs of Ibn Tulun mosque (1094 al-Afdal, see same publication Pl. 77), al-Guyūshi mosque (1085, op. cit. Pl. 48 c, Pl. 116 a-b), Mausoleum of Ikhwat Yusuf (1125, op. cit. Pl. 81, b, 118 a), Mausoleum of Sayyida Ruqayya (1133, op. cit. Pl. 119 a-c), 120 a) and the stucco decoration of the Al-Aqmar mosque (1125, op. cit. Pl. 84), Mausoleum of Muhammad al-Hasawāti (op. cit. Pl. 88 b, 120 b)

⁴⁴ See foot note 24.

notice smaller leaves under which a complex arabesque exists. In many places, the decoration is in three layers.

Examples with fewer layers are numerous in Anatolian stone works. The portal of Eşrefoğlu Mosque in Beyşehir, dated to 1299, is one such example⁴⁵. (Fig. 11).

As for wooden elements, there are many highly successful works, particularly on the inscribed bordures of Seljuk Period mimbars and on doors. The inscribed bordures of the mimbar of Ulu Mosque from Siirt constitutes a fine example for multi-layered wood workmanship. This work is dated to the beginning of the 13th century and is presently in the Ethnographical Museum of Ankara⁴⁶ (Fig. 43).

Multi-layered decorations draw attention even in faience mozaic technique of Anatolian Seljuks. We think that the origin of such decorations is stucco. In such works, lines intersect each other with a false perspective. Various different applications of this workmanship draw our attention, particularly in mihrabs where teachings from Koran (ayets) are presented over a complex arabesque background.

One of the noteworthy examples in this style is the later added faience mozaic mihrab of Külük Mosque in Kayseri⁴⁷. The mosque is dated to 1210. We think the mihrab is from the end of the 13th century. The way the kufic *ayet* is inscribed over the complex arabesque background points to stucco origin (Fig. 44).

As the major examples we have referred to bear witness, many details with their origin traceable to Iranian Seljuk stucco work can be spotted in various forms of Anatolian Seljuk Art such as stuccos, stone carvings, woodwork and even faience mozaic. In certain cases, the origin extends all the way to Samarra. The traditional development encountered in areas where Turkish Art has emerged is also observed in Samarra, which was founded in the 9th century to accommodate Turkish soldiers. This influence makes itself felt in the form of works reflecting Eurasian animal style.

Despite differences in centuries and in regions, the stucco style originating in Samarra has reflections on works from Iranian Seljuk, Tulunid, Fatimid and Anatolian Seljuk Periods, pointing to highly interesting ties.

⁴⁵ See footnote 14

⁴⁶ Oral, Z. Anadolu'da Sanat Değeri Olan Ahşap Mimlerler, Kitabeleri ve Tarihçeleri. Vakıflar V. Ankara 1962. pp. 39-41. See also. Öney, G. . . . Ahşap Teknikleri. . . . pp. 142, 143. Figs. 6, 7.

⁴⁷ Gabriel, A. Monuments Tucs d'Anatolie I. Paris 1931. pp. 36-39.

