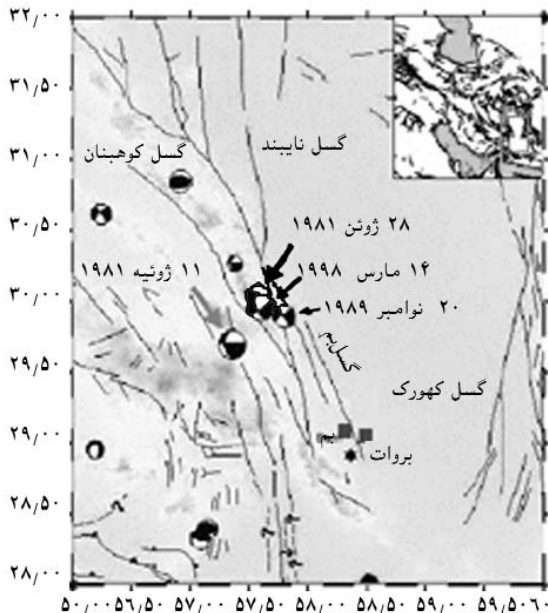


# ከተጻፈው ሂረጎች ስር ውስጥ «ቤት» ዓይነት ቅጽ

ይህ ሰነድ የግንዛቤ ምዕራብ ቅጽ አይኒ ስርዓት ውስጥ አጠቃላይ ማጠቃለያ ለመስጠት ያለው ነው።

## ሰነድ

የሰነድ ስርዓት ለመጀመሪያ ጊዜ ለማጠቃለያ የሚያስፈልገው ሰነድ ነው። ስርዓቱ ተግባራዊ ለመሆኑ ለተጨማሪ ጊዜ ለማጠቃለያ ስርዓት ማስፈጸም ለማስፈጸም ስርዓቱን ማጠቃለያ ማስፈጸም ይቻላል።



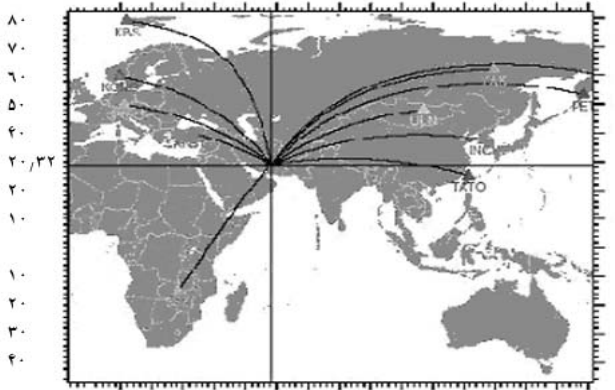
የሰነድ ስርዓት ለመጀመሪያ ጊዜ ለማጠቃለያ ስርዓት ማስፈጸም ስርዓቱን ማጠቃለያ ማስፈጸም ይቻላል።

ስርዓቱ ለመጀመሪያ ጊዜ ለማጠቃለያ ስርዓት ማስፈጸም ስርዓቱን ማጠቃለያ ማስፈጸም ይቻላል። ስርዓቱ ለመጀመሪያ ጊዜ ለማጠቃለያ ስርዓት ማስፈጸም ስርዓቱን ማጠቃለያ ማስፈጸም ይቻላል።

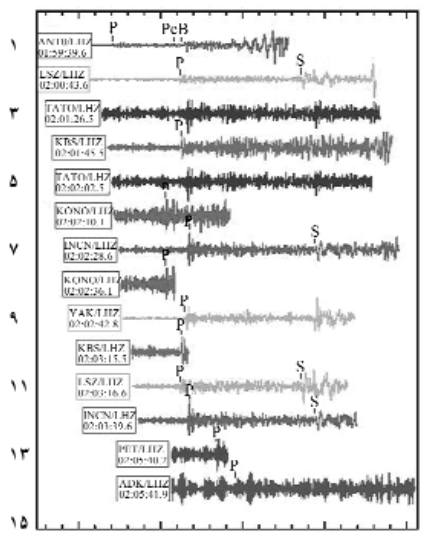
## ማጠቃለያ

ስርዓቱ ለመጀመሪያ ጊዜ ለማጠቃለያ ስርዓት ማስፈጸም ስርዓቱን ማጠቃለያ ማስፈጸም ይቻላል።

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17.



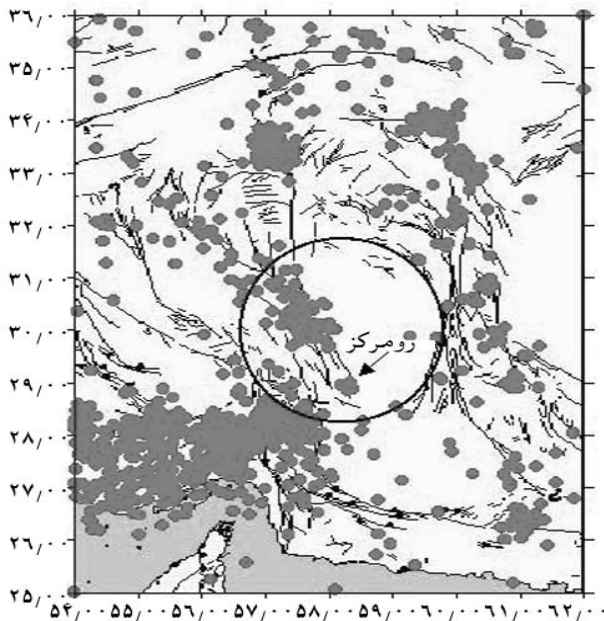
• 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17.



• 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17.

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• 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17.

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17.

ዕ የሥነ ምግብ ጥናት ስር - ልማት ስራዎች ላይ የሚያተኩሩት ዓይነት ጥናቶች ናቸው። ይህም ለሌሎች ስራዎች ለማድረግ ይረዳል። ስለዚህም ጥናቶችን በየሰዓቱ ይከናወናል። ለምሳሌ ለጥናት ስራዎች ለማድረግ ለሌሎች ስራዎች ለማድረግ ይረዳል። ስለዚህም ጥናቶችን በየሰዓቱ ይከናወናል።

የሥነ ምግብ ጥናት ስር - ልማት ስራዎች ላይ የሚያተኩሩት ዓይነት ጥናቶች ናቸው። ይህም ለሌሎች ስራዎች ለማድረግ ይረዳል። ስለዚህም ጥናቶችን በየሰዓቱ ይከናወናል። ለምሳሌ ለጥናት ስራዎች ለማድረግ ለሌሎች ስራዎች ለማድረግ ይረዳል። ስለዚህም ጥናቶችን በየሰዓቱ ይከናወናል።

**አውጭ**

ለሥነ ምግብ ጥናት ስር - ልማት ስራዎች ላይ የሚያተኩሩት ዓይነት ጥናቶች ናቸው። ይህም ለሌሎች ስራዎች ለማድረግ ይረዳል። ስለዚህም ጥናቶችን በየሰዓቱ ይከናወናል። ለምሳሌ ለጥናት ስራዎች ለማድረግ ለሌሎች ስራዎች ለማድረግ ይረዳል። ስለዚህም ጥናቶችን በየሰዓቱ ይከናወናል።

ለሥነ ምግብ ጥናት ስር - ልማት ስራዎች ላይ የሚያተኩሩት ዓይነት ጥናቶች ናቸው። ይህም ለሌሎች ስራዎች ለማድረግ ይረዳል። ስለዚህም ጥናቶችን በየሰዓቱ ይከናወናል። ለምሳሌ ለጥናት ስራዎች ለማድረግ ለሌሎች ስራዎች ለማድረግ ይረዳል። ስለዚህም ጥናቶችን በየሰዓቱ ይከናወናል።

ገጽ 1 | የሥነ ምግብ ጥናት ስር - ልማት ስራዎች ላይ የሚያተኩሩት ዓይነት ጥናቶች ናቸው

$\int_{-\infty}^{\infty} D^0(t) e^{-i\omega t} dt$   
 $\int_{-\infty}^{\infty} D^0(t) e^{-i\omega t} dt$

$\int_{-\infty}^{\infty} D^0(t) e^{-i\omega t} dt$   
 $\int_{-\infty}^{\infty} D^0(t) e^{-i\omega t} dt$

$$F(\omega) = (4\pi p a^3 r_0)^{-1} \left( \epsilon_{jkpq} \gamma_p^0 \gamma_q^0 v_k n_j \right) \frac{1}{t_L} \int_{-\infty}^{\infty} e^{-i\omega t} dt \int_0^{t_L} D^0 \left( t - \frac{r_0}{\alpha} - t' \right) dt'$$

$$|F(\omega)| = (4\pi p a^3 F_0)^{-1} \left( \epsilon_{jkpq} \gamma_p^0 \gamma_q^0 v_k n_j \right) |v(\omega)| \frac{\sin x}{x}$$

$$v(\omega) = \int_{-\infty}^{\infty} D^0(t) e^{-i\omega t} dt$$

$\int_{-\infty}^{\infty} D^0(t) e^{-i\omega t} dt$   
 $\int_{-\infty}^{\infty} D^0(t) e^{-i\omega t} dt$

$$x = \frac{w_L}{L} \left( \frac{1}{v} - \frac{\cos \theta}{\alpha} \right)$$

$\int_{-\infty}^{\infty} D^0(t) e^{-i\omega t} dt$   
 $\int_{-\infty}^{\infty} D^0(t) e^{-i\omega t} dt$

$\int_{-\infty}^{\infty} D^0(t) e^{-i\omega t} dt$   
 $\int_{-\infty}^{\infty} D^0(t) e^{-i\omega t} dt$

$\int_{-\infty}^{\infty} D^0(t) e^{-i\omega t} dt$   
 $\int_{-\infty}^{\infty} D^0(t) e^{-i\omega t} dt$

$\int_{-\infty}^{\infty} D^0(t) e^{-i\omega t} dt$   
 $\int_{-\infty}^{\infty} D^0(t) e^{-i\omega t} dt$

$$v_i U_i^p = (4\pi p \alpha^3 r_0)^{-1} \left( \epsilon_{jkpq} \gamma_p^0 \gamma_q^0 v_k n_j \right) \frac{1}{t_L} \int_0^{t_L} D^0 \left( t - \frac{r_0}{\alpha} - t' \right) dt'$$

$$|F(\omega)| = (4\pi p a^3 F_0)^{-1} \left( \epsilon_{jkpq} \gamma_p^0 \gamma_q^0 v_k n_j \right) |v(\omega)| \frac{\sin x}{x}$$

$$v(\omega) = \int_{-\infty}^{\infty} D^0(t) e^{-i\omega t} dt$$

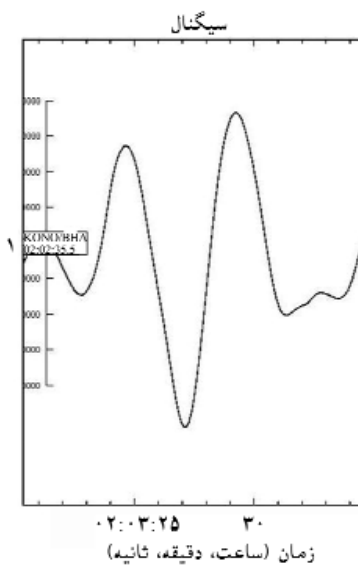
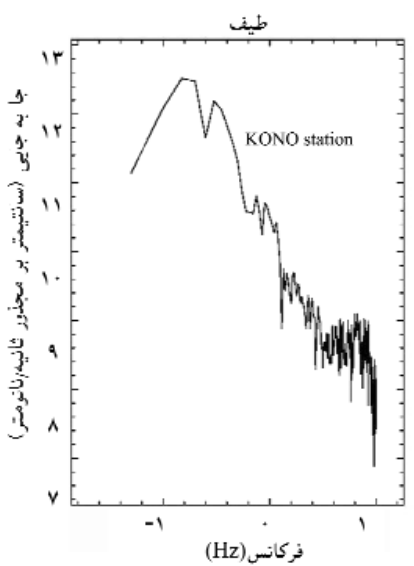
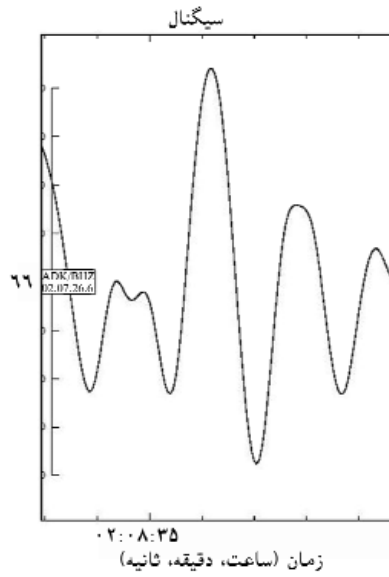
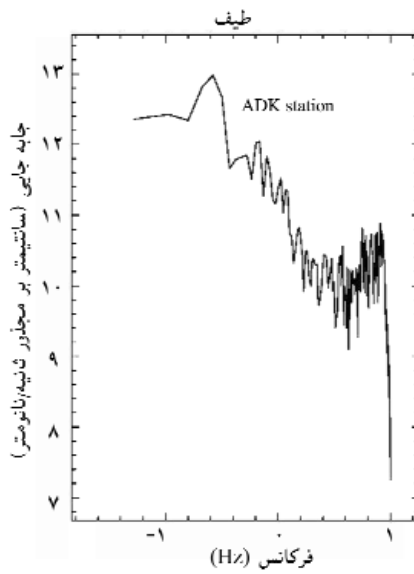
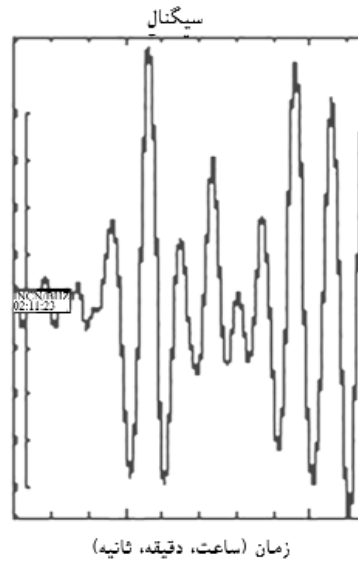
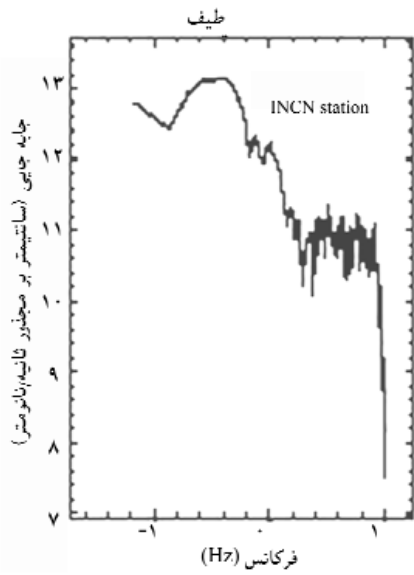
$\int_{-\infty}^{\infty} D^0(t) e^{-i\omega t} dt$   
 $\int_{-\infty}^{\infty} D^0(t) e^{-i\omega t} dt$

$$x = \frac{w_L}{L} \left( \frac{1}{v} - \frac{\cos \theta}{\alpha} \right)$$

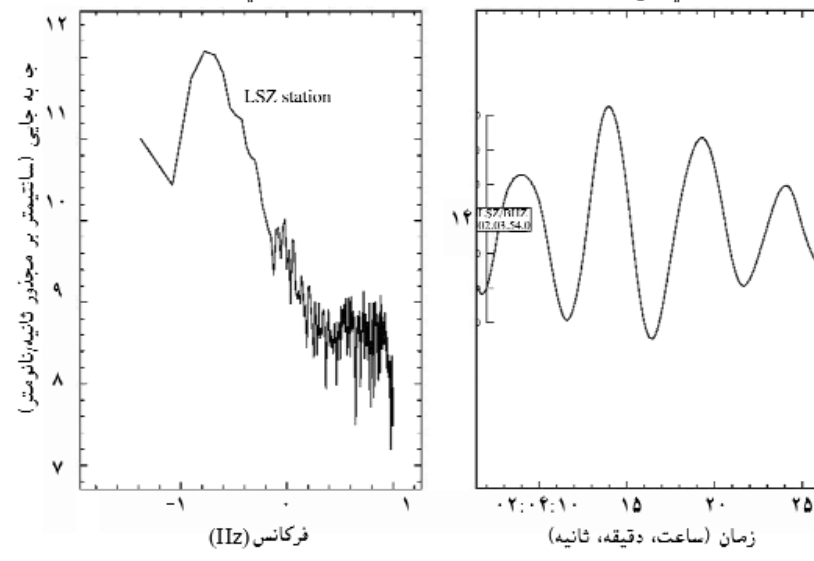
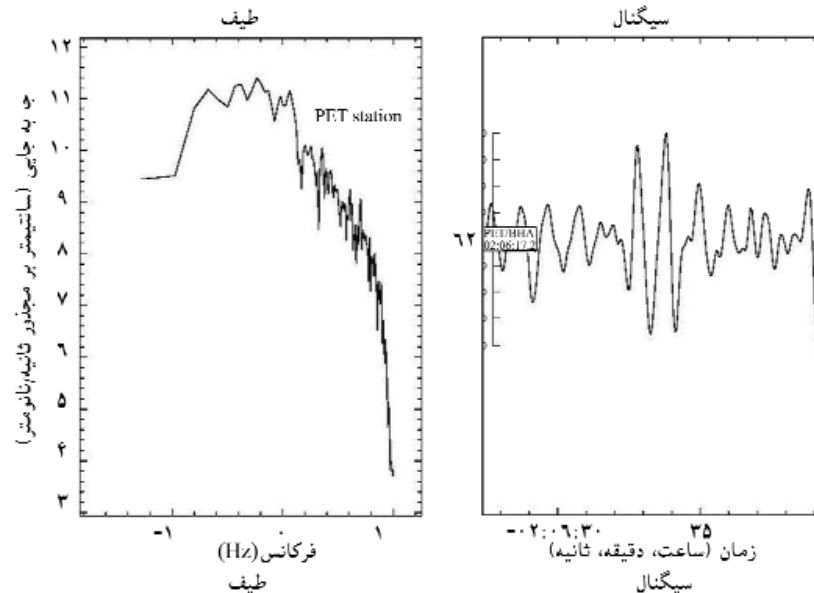
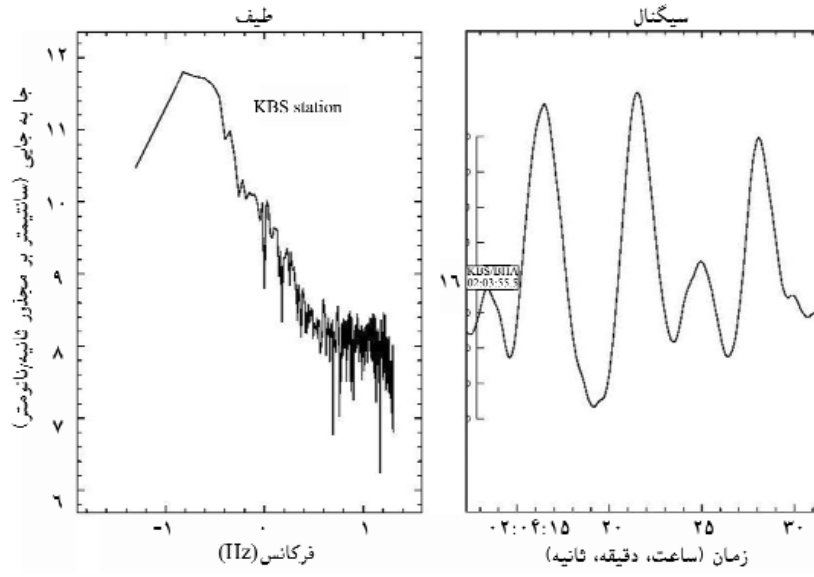
$\int_{-\infty}^{\infty} D^0(t) e^{-i\omega t} dt$   
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$\int_{-\infty}^{\infty} D^0(t) e^{-i\omega t} dt$   
 $\int_{-\infty}^{\infty} D^0(t) e^{-i\omega t} dt$

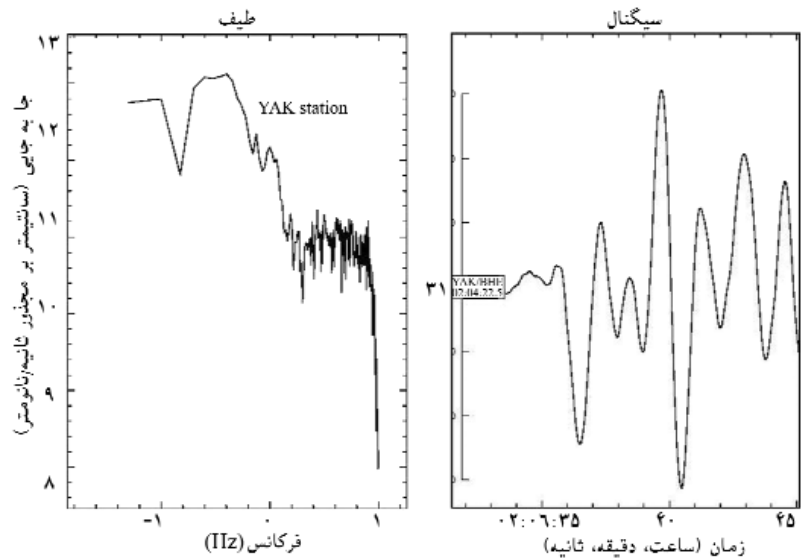




۰.۳.۵۹۴ # 02A05H (P) 3(8) °



داده ها



داده ها (YAK station)

توضیحات: ...

### جدول ۱

آدرس اینترنتی: <http://www.ii992.sc.ir>

جدول ۱: مشخصات ایستگاههای لرزه‌نگار

| Mss | Mys | Mxs  | Myy | Mxy | Mxx | Mo         | توضیحات     |
|-----|-----|------|-----|-----|-----|------------|-------------|
| 010 | 000 | -180 | 180 | 000 | 000 | 2014.07.25 | ایستگاه YAK |
| 104 | 000 | -180 | 180 | 000 | 000 | 2014.07.25 | ایستگاه YAK |
|     |     |      |     |     |     |            | TMT         |

### نتیجه‌گیری

در این پژوهش، داده‌های لرزه‌نگاری ایستگاه YAK در تاریخ ۲۵ تیر ۱۳۹۳ ثبت شده است. این داده‌ها شامل سیگنال و طیف آن می‌باشد. تحلیل داده‌ها نشان می‌دهد که زمین‌لرزه در عمق کم و در امتداد خط فصلی رخ داده است. پارامترهای زمین‌لرزه از جمله گشتاور آزاد شده و انرژی آزاد شده محاسب شده است. نتایج این پژوهش می‌تواند به درک بهتر مکانیزم زمین‌لرزه در منطقه مورد مطالعه کمک کند.

2.Canitez, N. (1972). Source Mechanism of Rupture Propagation in the Mudurnu Valley, Turkey, Earthquake of July 22, 1976, Pure and Applied Geophys., Vol.93, p.116.

3.Aki, K. (1966). Generation and Propagation of Wave From Niigata Earthquake of June 16, 1964, 2, Estimation of Earthquake Moment, Released Energy, Strain Drop from GWave Spectrum, Bull. of Earthquake. Res. Inst. Tokyo Univ., Vol. 44, pp.73-88.

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