

**EYLÜL 2023 TARİH BASKILI**  
**FINANCIAL ECONOMICS**  
**DERS KİTABINA İLİŞKİN DÜZELTME CETVELİ**

1- Ünite 4, Sayfa 113'deki ikinci, "Tablo" aşağıdaki şekilde düzeltilmiştir.

Type of Compounding	Frequency of Compounding	$FV[m, T, C = 1]$
Annual	$m = 1$	$[1 + r]^T$
Semiannual	$m = 2$	$\left[1 + \frac{r}{2}\right]^{2T}$
Quarterly	$m = 4$	$\left[1 + \frac{r}{4}\right]^{4T}$
Monthly	$m = 12$	$\left[1 + \frac{r}{12}\right]^{12T}$
Daily	$m = 365$	$\left[1 + \frac{r}{365}\right]^{365T}$
Continuously	$m = \infty$	$e^{rT}$

2- Ünite 4, Sayfa 138, 139 "Test Yourself 6-10. sorular ve seçenekleri" aşağıdaki şekilde düzeltilmiştir.

6 Consider a loan worth of 1000000 that will be paid with constant equal **monthly** payments over **5 years** at annual interest rate of  $r = 0.15$ . What is the loan's monthly payment?

- A. 16666.67
- B. 20075.24
- C. 23789.93
- D. 16875
- E. 16872.33

7 Find the present value of a weekly loan payment starting with 2000 and thereafter growing at annual rate of  $g_C = 0.001$  forever when the annual interest rate is  $r = 0.05$ .

- A. 40000
- B. 40816.33
- C. infinite
- D. 2122449
- E. None

**For Questions (8)-(10) consider the following information.**

Consider three years: year 1, year 2, and year 3. The table below shows consumer price index CPI and annual nominal interest rate  $r$  for each year:

Year	CPI	$r$
1	1.10	
2	1.60	0.30
3	1.30	0.30

8 Find one-period inflation rates at year 2 and year 3 approximately.

- A.  $\{\pi_2 = 0.455, \pi_3 = -0.188\}$
- B.  $\{\pi_2 = 0.50, \pi_3 = -0.30\}$
- C.  $\{\pi_2 = 0.30, \pi_3 = 0\}$
- D.  $\{\pi_2 = -0.50, \pi_3 = 0.30\}$
- E.  $\{\pi_2 = 0.20, \pi_3 = -0.455\}$

9 Find **two-period** inflation rate at year 3.

- A.  $\pi_{1 \rightarrow 3} = 0.182$
- B.  $\pi_{1 \rightarrow 3} = 0.20$
- C.  $\pi_{1 \rightarrow 3} = -0.20$
- D.  $\pi_{1 \rightarrow 3} = 0.38$
- E.  $\pi_{1 \rightarrow 3} = -0.182$

10 Find **one-period** real interest rates at year 2 and at year 3.

- A.  $\{r_{real,2} = -0.1063, r_{real,3} = 0.60\}$
- B.  $\{r_{real,2} = 0.10, r_{real,3} = 0.20\}$
- C.  $\{r_{real,2} = 0.30, r_{real,3} = 0.30\}$
- D.  $\{r_{real,2} = -0.10, r_{real,3} = 0.30\}$
- E.  $\{r_{real,2} = 0.20, r_{real,3} = 0.20\}$

**3- Ünite 4, Sayfa 140, “Answer Key for 7-10. soruların cevapları” aşağıdaki şekilde düzeltilmiştir.**

- 7. D If your answer is wrong, please review the “Annuities and Perpetuities” sections.
- 8. A If your answer is wrong, please review the “Real Interest Rates” section.
- 9. A If your answer is wrong, please review the “Real Interest Rates” section.
- 10. A If your answer is wrong, please review the “Real Interest Rates” section.