7) Geçiş Eğrisiz – Dış kenar kotu sabit.

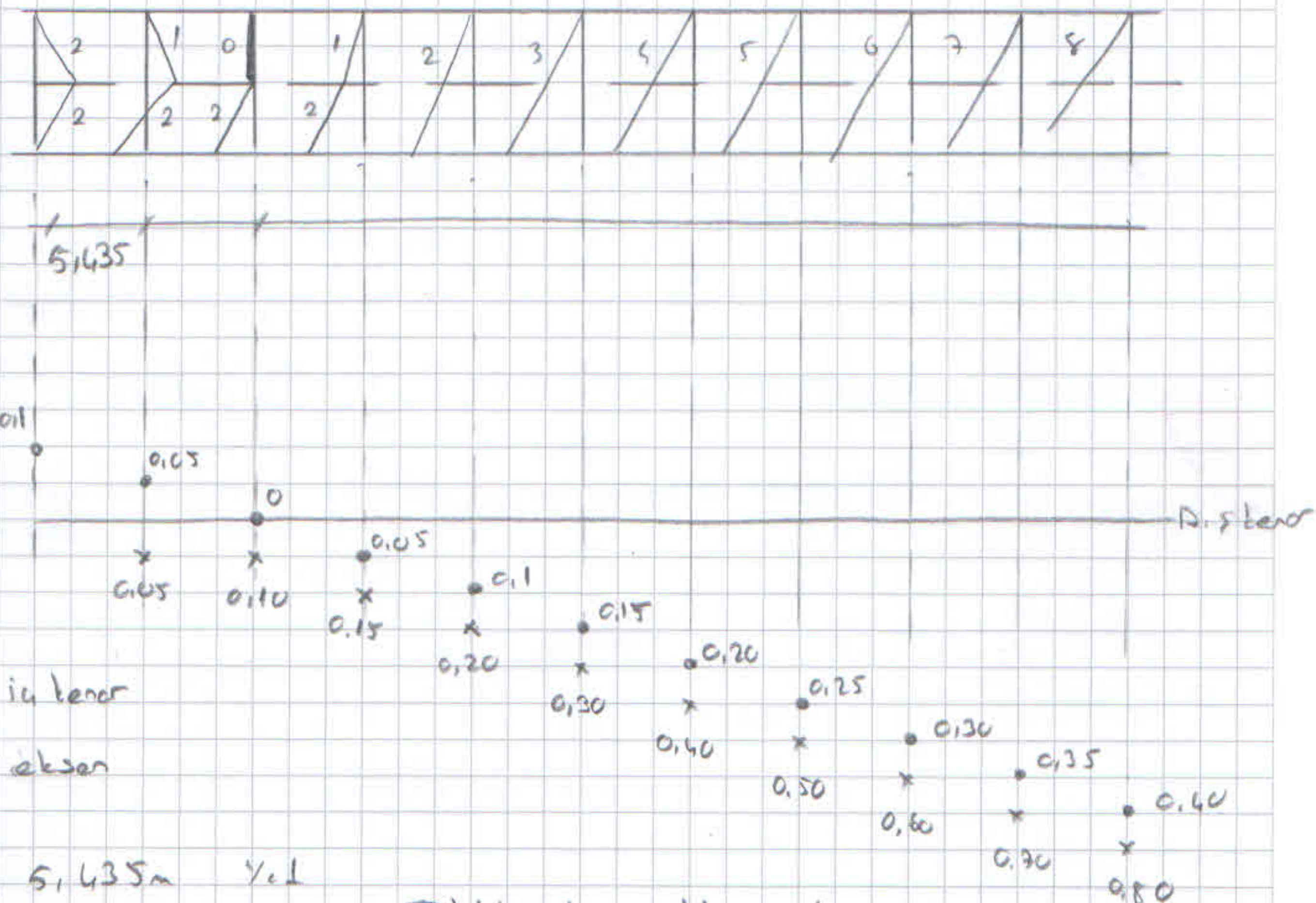
$V_p = 85$ km/sa (a) $d = 0{,}08 = 0{,}00443 \cdot \dfrac{85^2}{R} \Rightarrow R \cong 400\,m$

$B = 10\,m$

$L_d = 0{,}0354 \cdot \dfrac{V_p^3}{R} = 0{,}0354 \cdot \dfrac{85^3}{400} = 54{,}35\,m$

$d = \%8 = 0{,}08$

(b)



x = iç kenar

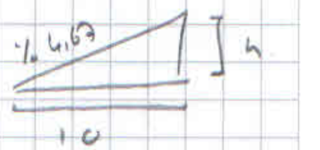
• = eksen

(c) 5,435 m — %1

3,620 m — x ⇒ Φ'deki dever miktarı = %4 + %0,67

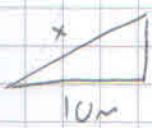
x = %0,67

= %4,67



h = 10 · 0,0467 = 47 cm

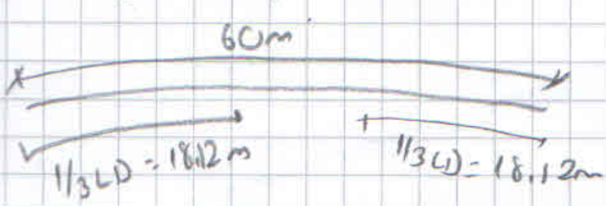
(d)



6,5 cm $x = \dfrac{6{,}5}{1000} = \%\,65$

noktanın Φ'ye uzaklığı $5{,}435 - 3{,}62 + 5{,}435 + 5{,}435/2 = 9{,}97 \approx 10\,m$

(e)



$x = 60 - 18{,}12 - 18{,}12 = 23{,}76$'lık kısımda max dever uygulaması yapılmaktadır.