103 412 121 Porting 12 -5 100 : property size property Ve. : 100 GIEL EV3 Vez - 50 102 [9] · 10 50 6 12143 ENJ 7 R. Sangon R promosor cep 100 10 8, 83 & "hen you sens . whos

Vaz-Vez V 10 I ez = In Vez I ez = 1 10 00 -5 I es = 159 m 2

$$I = I_{e_{2}} = I_{e_{3}} = \frac{1}{10} \ln \frac{\sqrt{5}}{5} + \frac{1}{15} \ln \frac{\sqrt{20}}{20} =$$

$$= \frac{1}{10} \ln \sqrt{-\frac{1}{10}} \ln \frac{5}{5} + \frac{1}{15} \ln \sqrt{-\frac{1}{15}} \ln 20 =$$

$$= \frac{1}{10} \ln \sqrt{-\frac{1}{10}} \ln \frac{5}{10} + \frac{1}{15} \ln 20 =$$

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$$= \frac{1}{10} \ln \sqrt{-\frac{1}{10}} \ln 20 =$$

$$= \frac{1}{10} \ln$$

100 No 15 - 100 No 100 100 100 ? 200 5 In \_210 1,325 - 125 100 = 18.6 @ 6T 6. Te. = 0 1 100.6 In 100 = 0.28[A] Ve, = 100 6IL, = 100 6.0.78 = 53.65[V] Vez = Vez = Vs-Ve, = 100-53.65 = 46.34[y] IPE = 10 /2 = 0.222[A] Je3= 15 h Vez -0.056[A] ? = Ie2+Je3

: e, e2, R3 & p15-ns" "e7 =0 15.5 .2 N(+) = I(+) · =1 × (+) Vz (1)= Iz (1) 2 55 (+) V3 (+) = [3(+) · E-t illians som & warner hope ma 1/20 € 55 € 1/2 € 2: \( \frac{1}{4} \) = \( \frac{1}{4} \) ( formers 1500 for for the form the form Vs DR2 PR Rog = R1+ R2/123 = R1+ R2/2= = sin(t) + 200(t)e-t

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