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# ADDENDUM

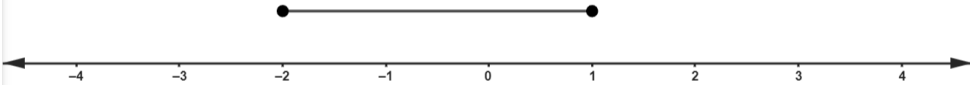
## TECHNICAL MATHEMATICS/TEGNIесе WISKUNDE

Preliminary Examination / Voorbereidende Eksamen

Paper / Vraestel 1 September 2023.

FINAL MARKING GUIDELINES (ADDITIONAL NOTES)

FINALE NASIENRIGLYNE (ADDISIONELE NOTAS)

ITEM	DESCRIPTION/BESKRIVING
	NPU and NPR is valid for all questions where applicable / <i>NPU en NPR is geldig op alle vrae waar van toepassing.</i>
1.1.2	After factorizing, the bracket has to be a quadratic expression in order to CA the answer. <i>Nadat daar gefaktoriseer is, moet die uitdrukking in die hakkie kwadratiese wees om die CA vir die antwoorde te doen.</i>
1.1.4	Accept the following as an answer: / <i>Aanvaar die volgende as 'n antwoord:</i> 
3.1.2	$\bar{z}_T = -2 + i$ It the learner changed the -2 to 2 and kept $-i$ then the learner gets 0 for the answer. <i>Indien die leerder die -2 na 2 toe verander het en die <math>-i</math> gehou het, kry die leerder 0 vir die antwoord.</i>
4.1.3	No penalty if the calculation is not shown/ indicated. <i>Geen straf as die bewerking nie gewys word nie.</i>
5.5	Only <b>ONE</b> point if intersection. <i>Slegs <b>EEN</b> punt waar hulle sny.</i>
6.2.1	Accept the following due to an error on the information sheet: <i>Aanvaar die volgende as gevolg van 'n fout op die inligtingsblad.</i> $A = P(1 + i)^2$ ✓ F                      A $= 3\,400 \left(1 + \frac{0,092}{365}\right)^2$ ✓ SF                      A $= R3\,401,71$ ✓ $\frac{0,092}{365}$ A $= R3\,402$ ✓ R3 402                      CA <b>OR / OF</b> $A = P(1 + i)^2$ ✓ F                      A $= 3\,400 \left(1 + \frac{0,092}{2}\right)^2$ ✓ SF                      A $= 3\,719,9944$ ✓ $\frac{0,092}{2}$ A $= R3\,720$ ✓ R3 402                      CA (4)
6.3	Accept the following due to an error on the information sheet: <i>Aanvaar die volgende as gevolg van 'n fout op die inligtingsblad.</i> $A = P(1 + I)^2$ $= 20\,000 \left(1 + \frac{0,125}{12}\right)^2$ ✓ $\frac{0,125}{12}$ A $= 20\,418,836$ ✓ 20 418,836                      CA

