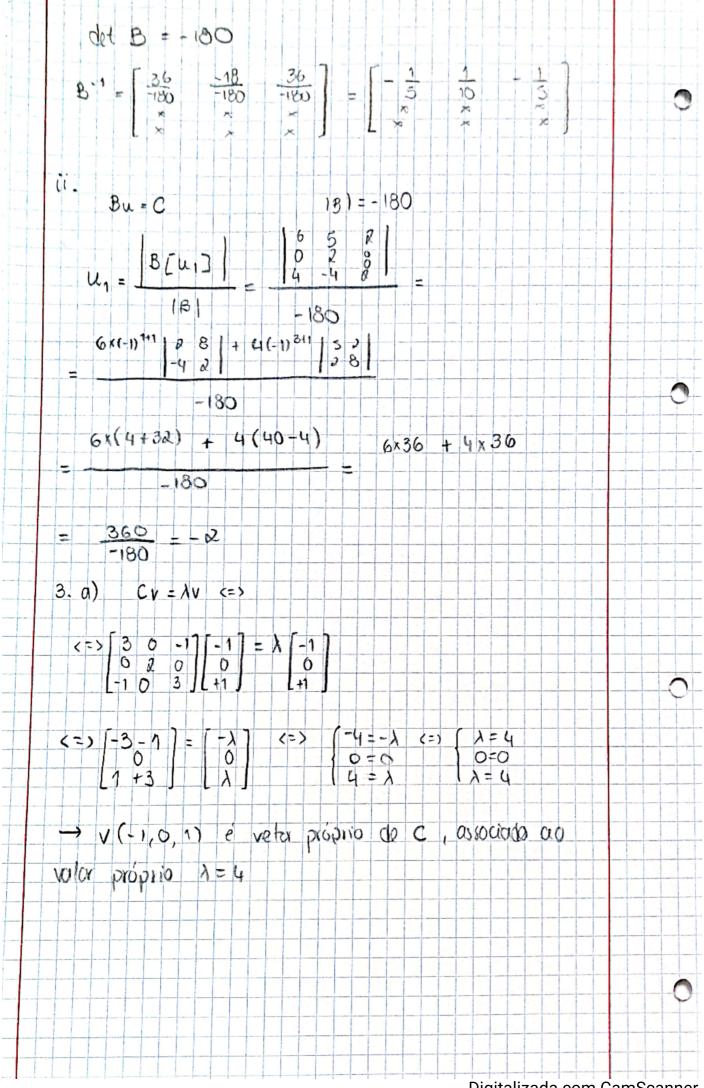
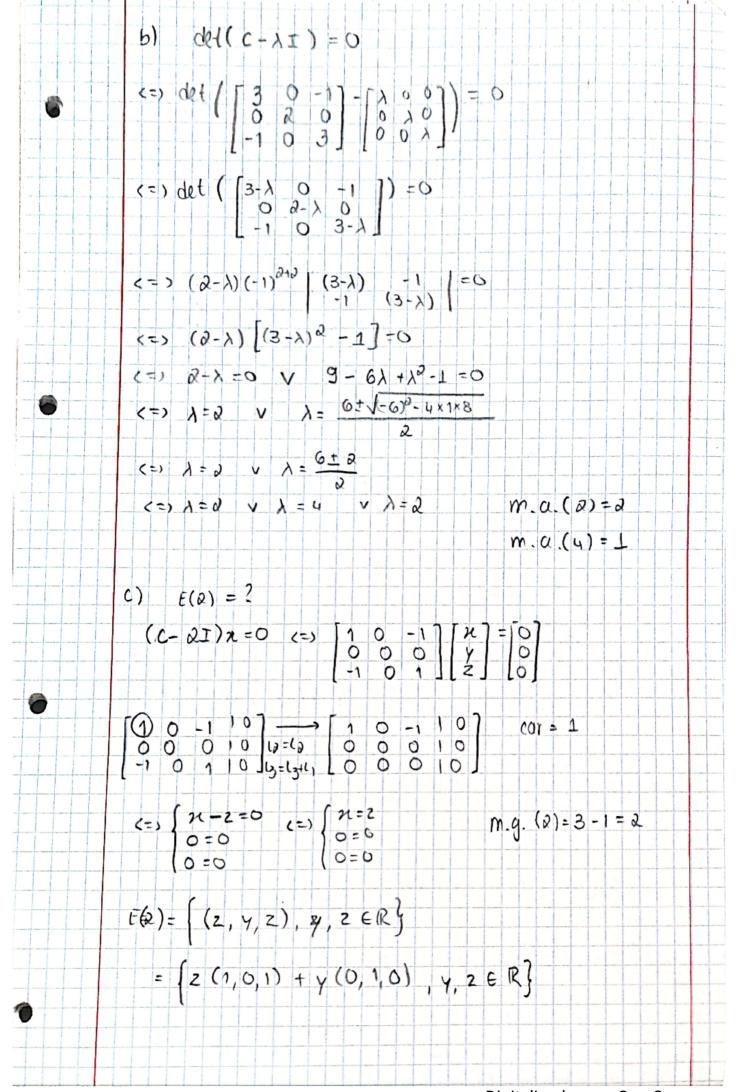
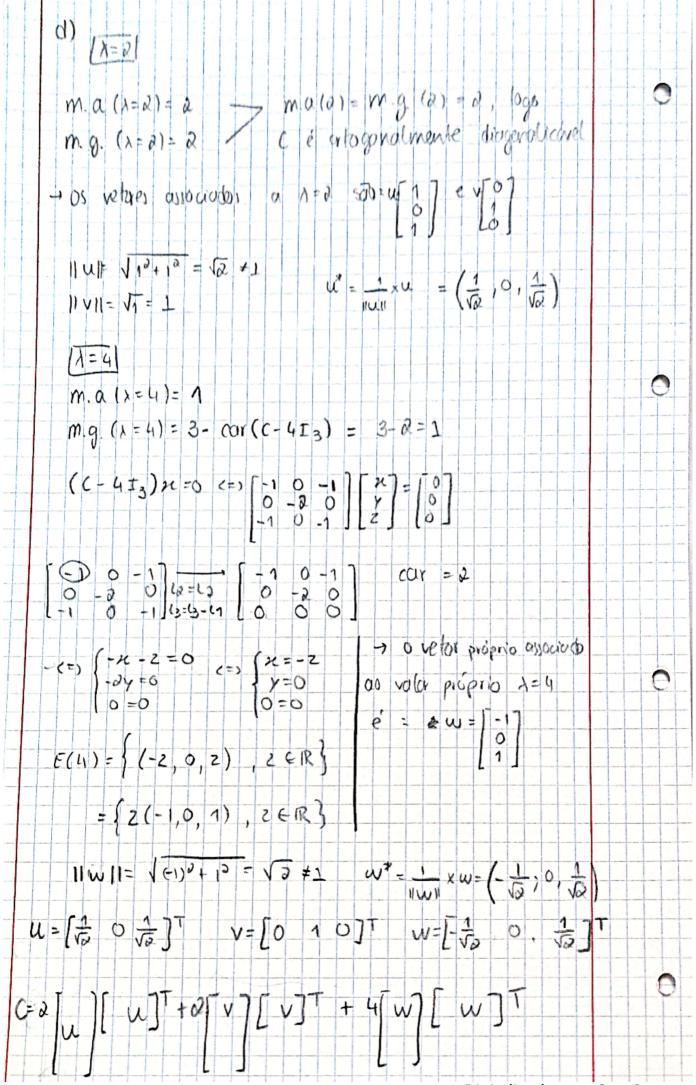


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	4. A=AT -> matriz simétrica
	λη: λρ → values próprios
	$\lambda_1 \varkappa_1 \varkappa_1 = (\lambda_1 \varkappa_1) \varkappa_1 = (Au)^* \varkappa_1 = \chi_1 A^* \varkappa_1 =$
	= (como A é smétrica) = xe TAn = ze TA 2 2 = 12 2 12
	Assim:
	11 11 12 - 12 21 12 = 0 (=> (×1-12)21 22 = 0
6	<-> 20, 12 =0 (20x 1, 7 /2)