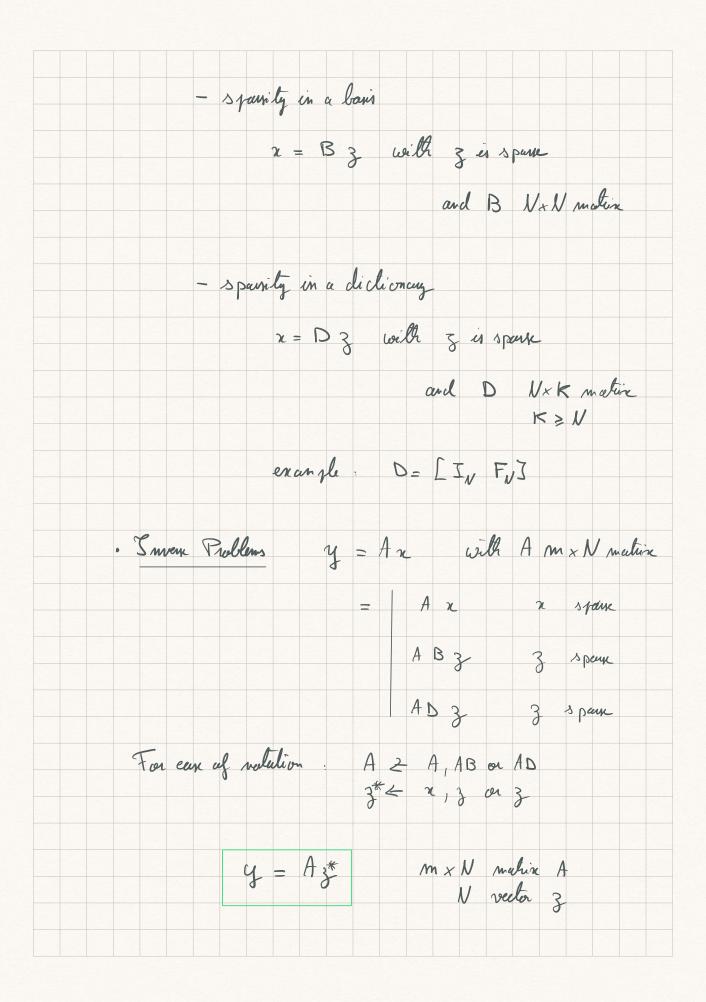
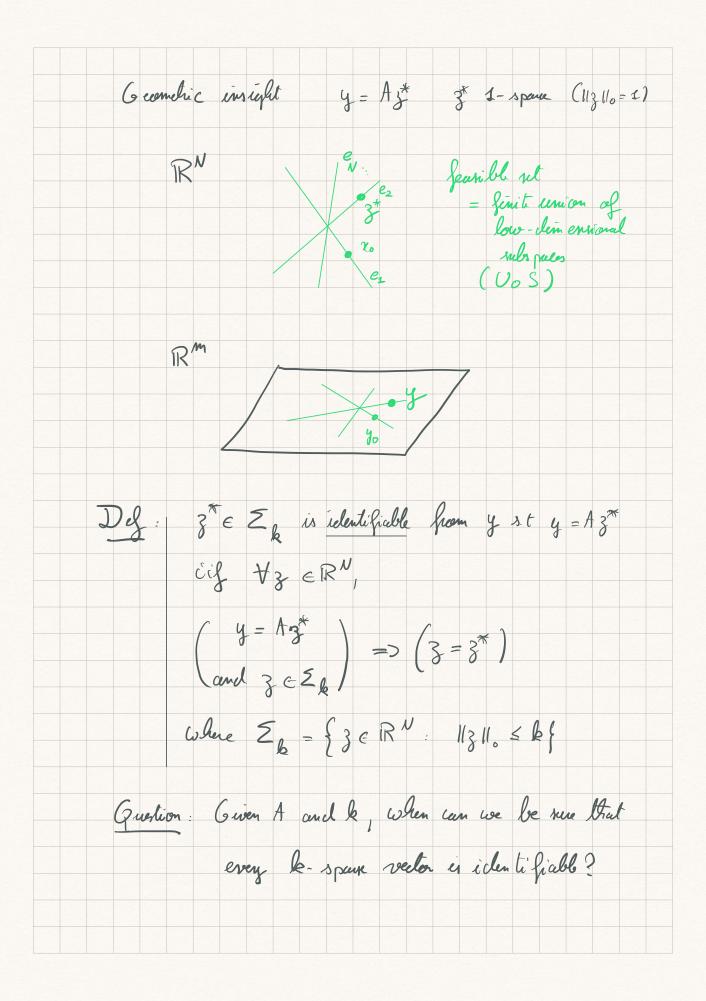
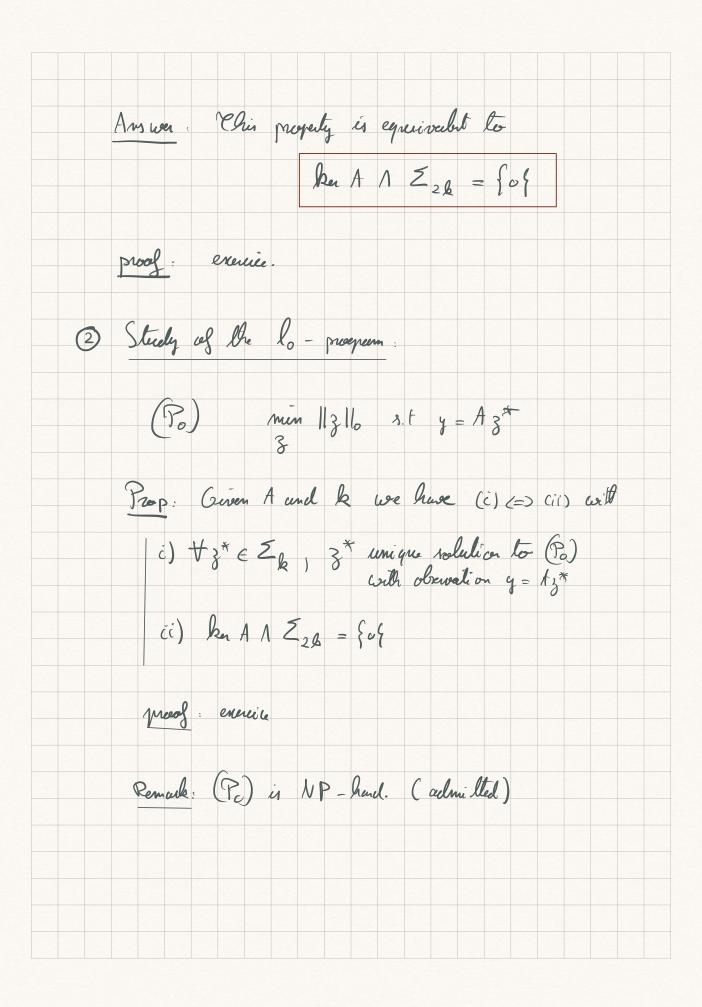
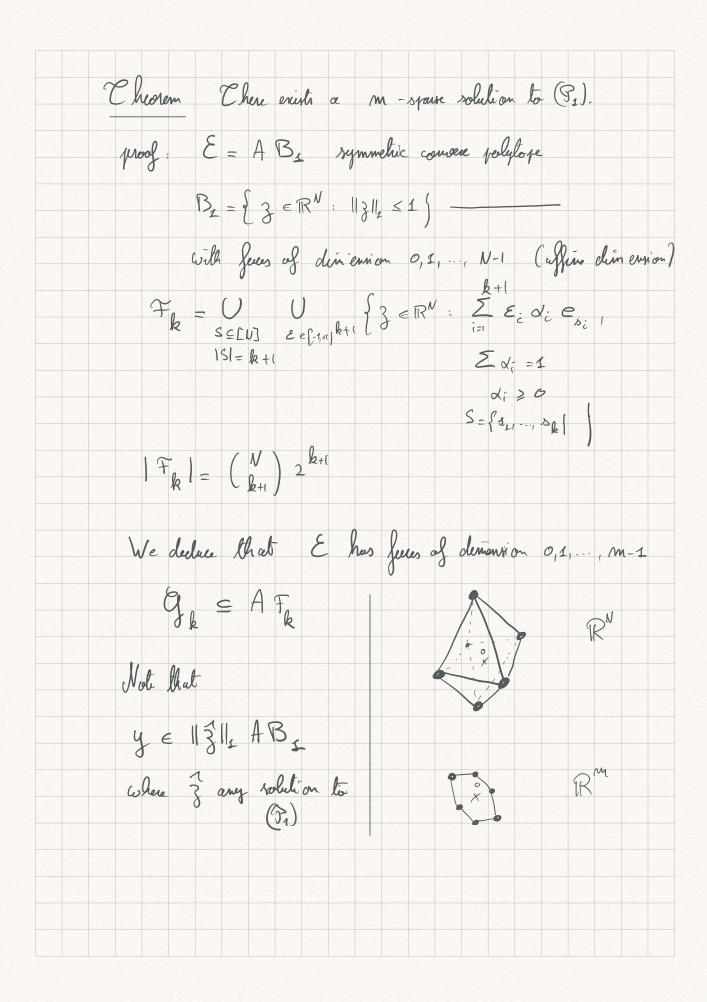
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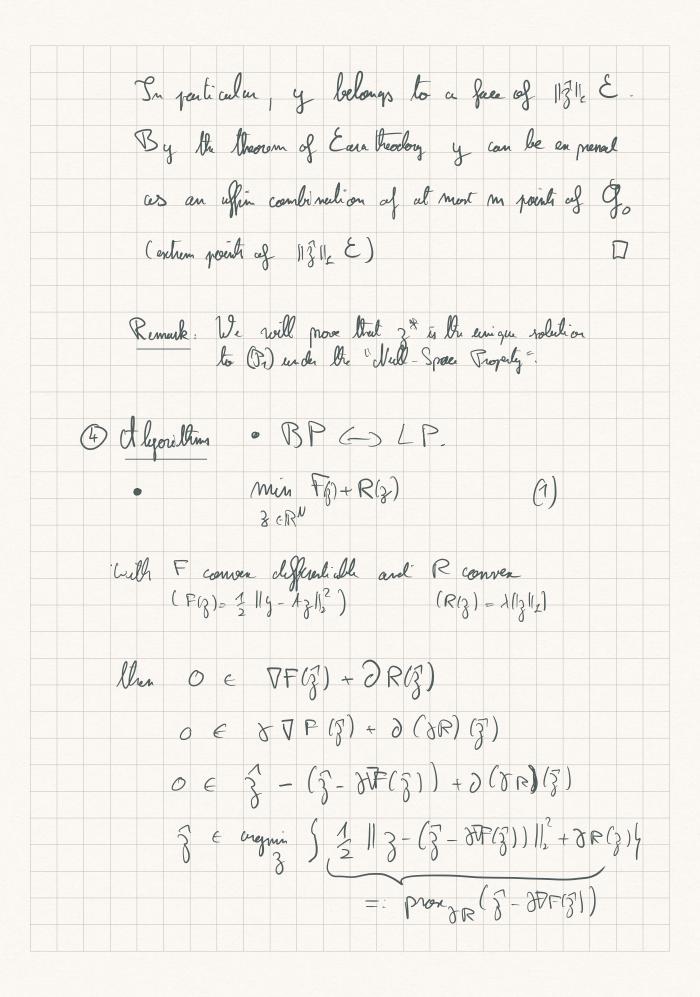


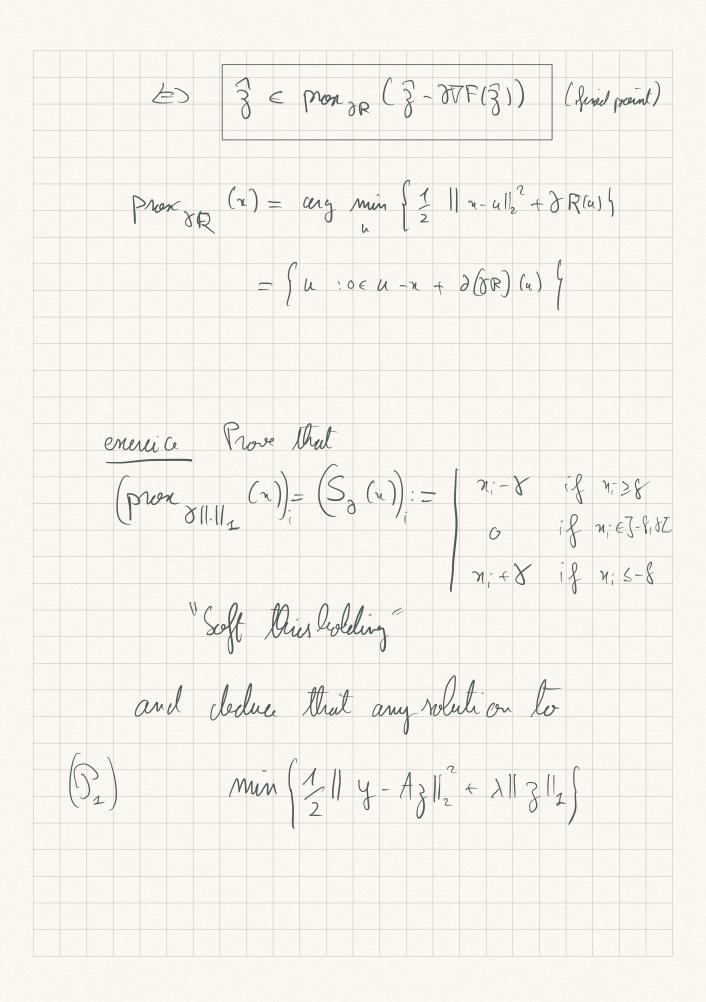




Noing utling: y = A 3* + e with ee Rm a celliture ever lim Come many arrum that 11e11, (E) Noing veri ons of (Po). Remark: They are NP hand (admitted) 3) Eouver relamition of the lo penulty. On a display RN y=13* y= A 3* p=2 4= A 3* P=Z P=0 (S1) min 11311, st. y = A3*







setisfies 3 = 5(3-2A(A3-y))· Dual moepen of (3,): (D) min || y - t ||2 , t || A + || < & indeed L(z, y; E) = 1 || y - y - || 2 + x || 3 || 1 + (A3 - y , t) Sup & = 1 | | y - y - || + 1 | 3 | 1 + 2 y = 13 3nf J = 1 119-4-113 - 297t > + 1 113112+23116) V=0(=) 9-y-t=0 2 114 F 116

 $= -\frac{1}{2} \| y - t \|_{2}^{2} + \frac{1}{2} \| y \|_{2}^{2}$ Primal dual relation: ot = Az - y · \ || } || z = 23, AT +> $- > A^{T}(A_{3} - y) = sign(3)$ Creedy methods: OMP Smal = 5 0 d frai Interpreted to the service of the se