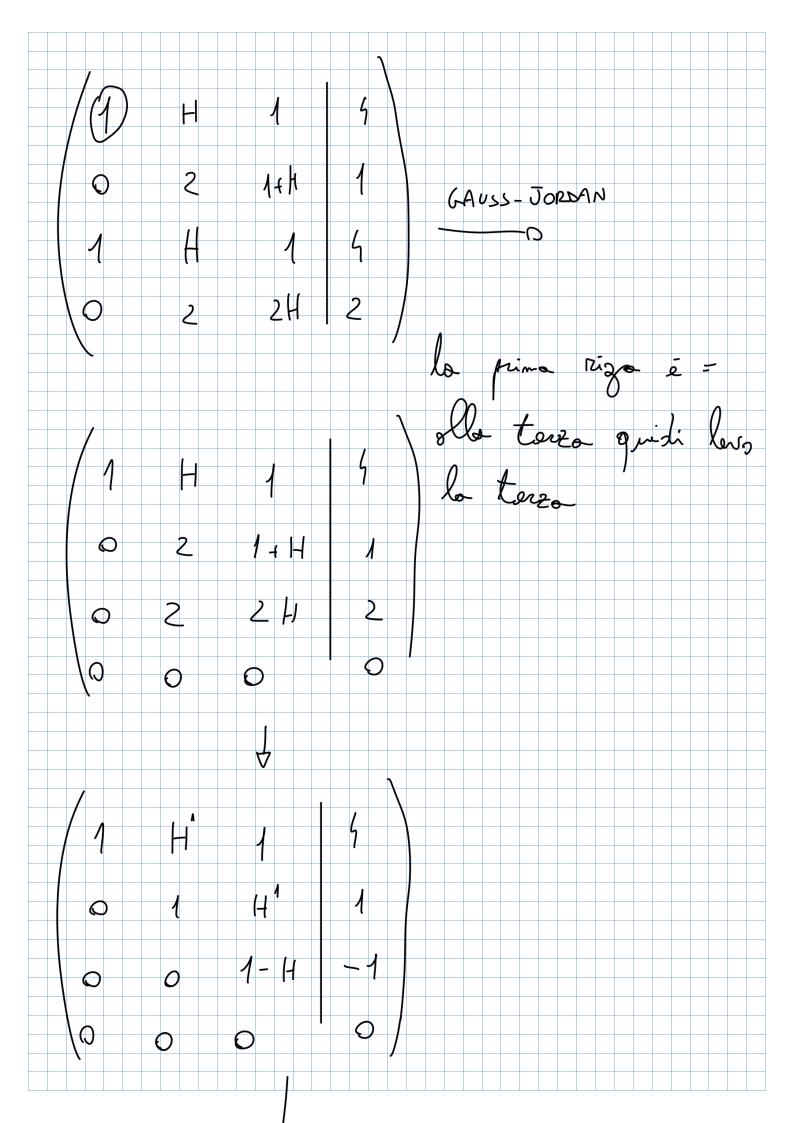
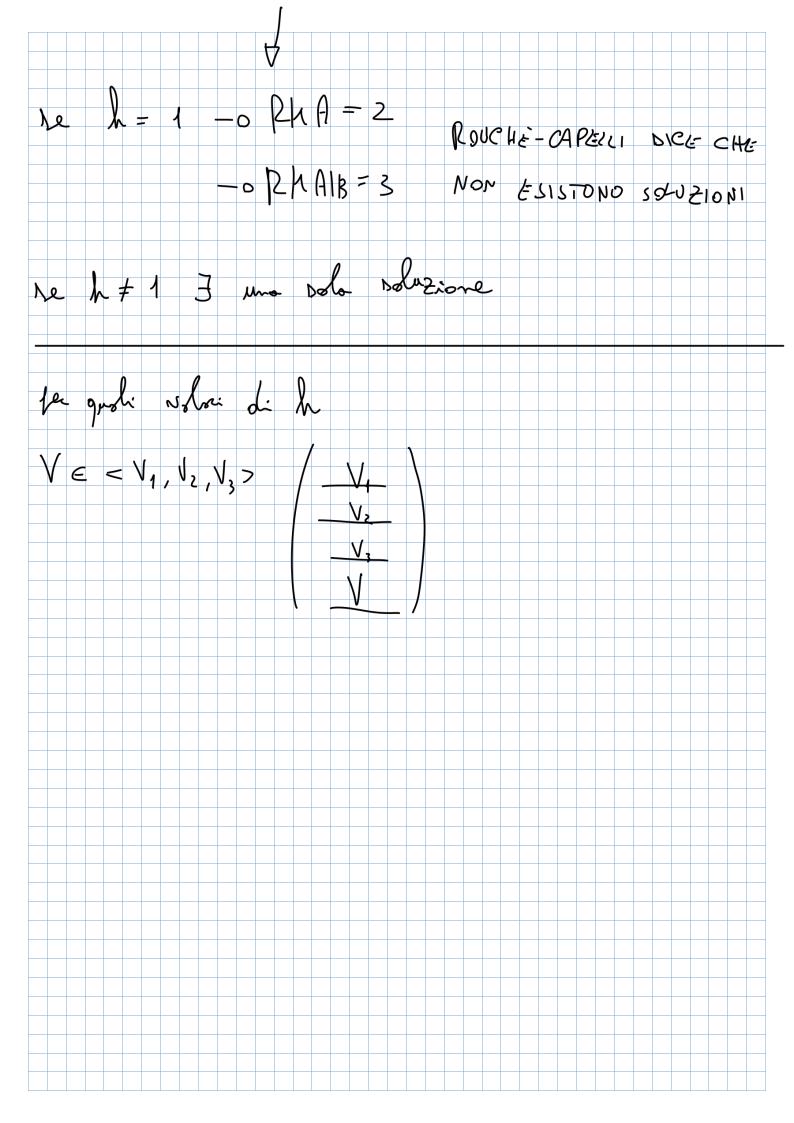
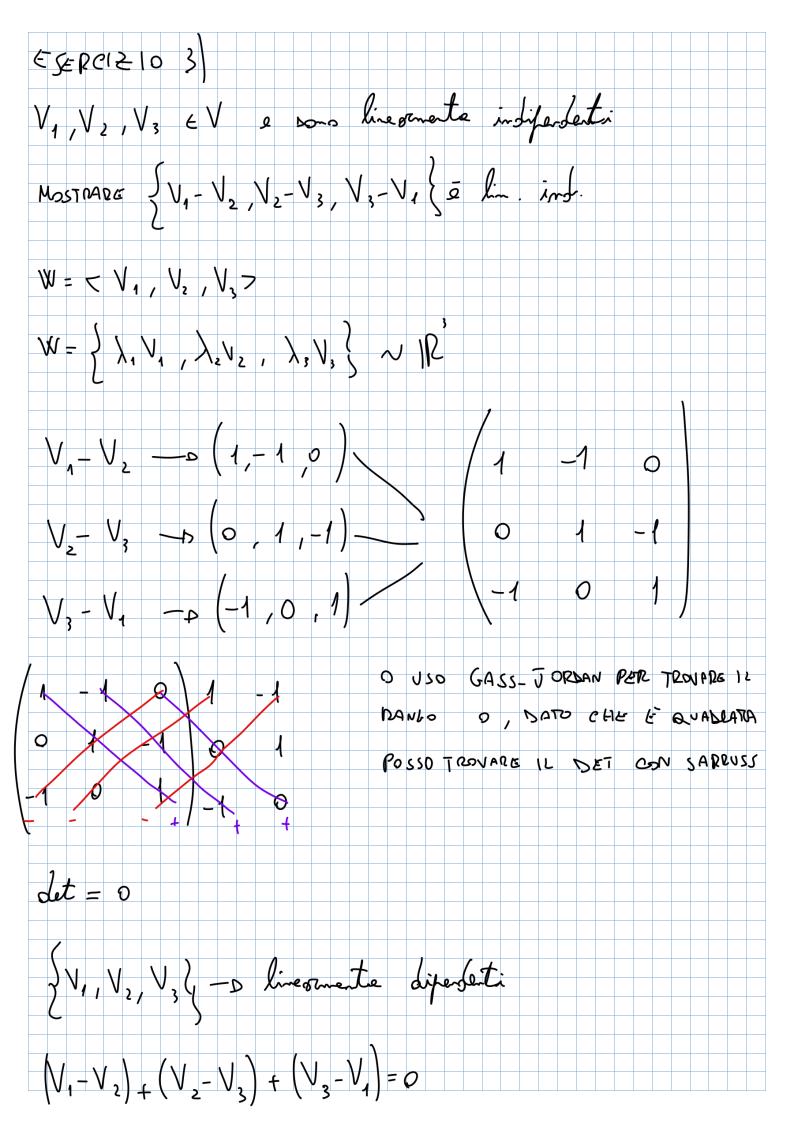
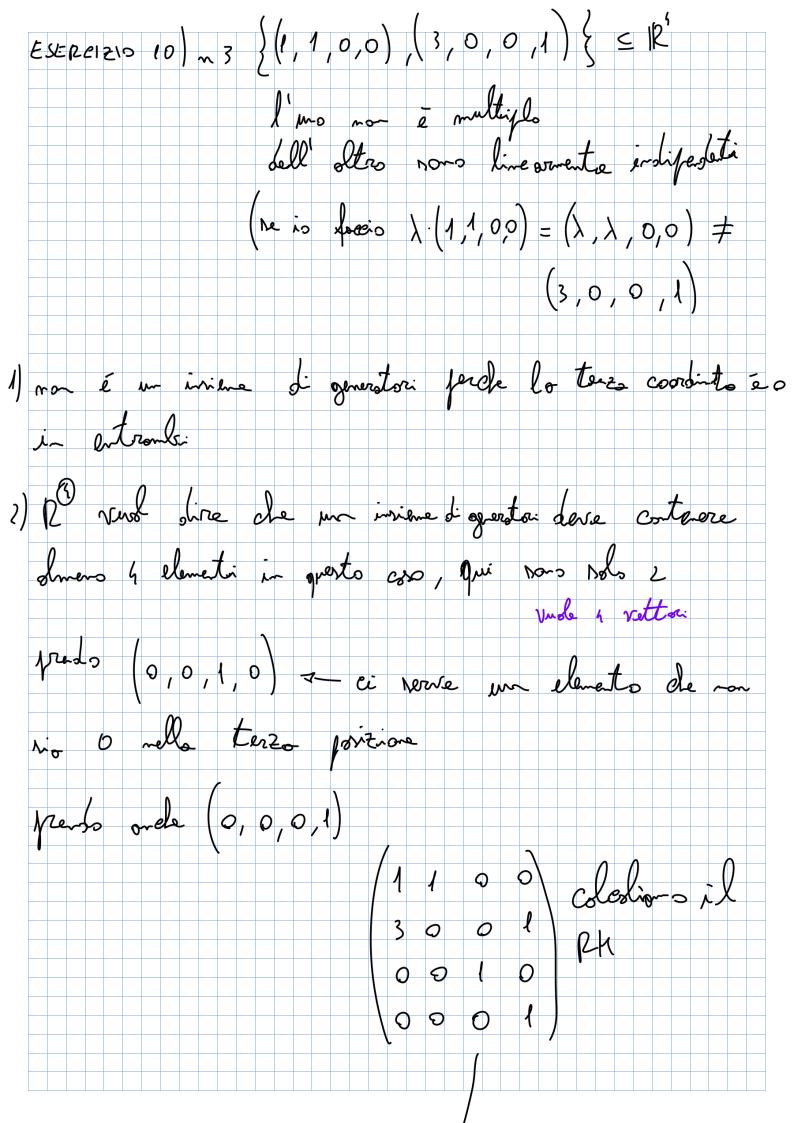
ESERCIZI $= (1,0,10), V_2 = (H,2,H,2), V_3 = (1,1+H,1,2.H)$ < R 4 , 14 € 12 1) détermore per qual valor di H il vottore V(4,1,4,2 $V = \lambda_1 V_1 + \lambda_2 V_2 + \lambda_5 V_3$ $(4,1,4,2) = \lambda_1(1,0,1,0) + \lambda_2(H,2,H,2) + \lambda_3(1,1+H,1,2+H)$ $\lambda_1 + \mu_2 + \lambda_3$ $4 = \lambda_1 + H \lambda_2 + \lambda_3$ $2\lambda_2 t \lambda_3 (1+\lambda)$ $\langle 1=2\rangle_2 + \lambda_3(1+H)$ $\lambda_1 H \lambda_2 + \lambda_2$ 4 = \, 4 \\ 2 + \\ 3 2 2 + 2 + 2 2=2 /2 + 2 4 /2 ,

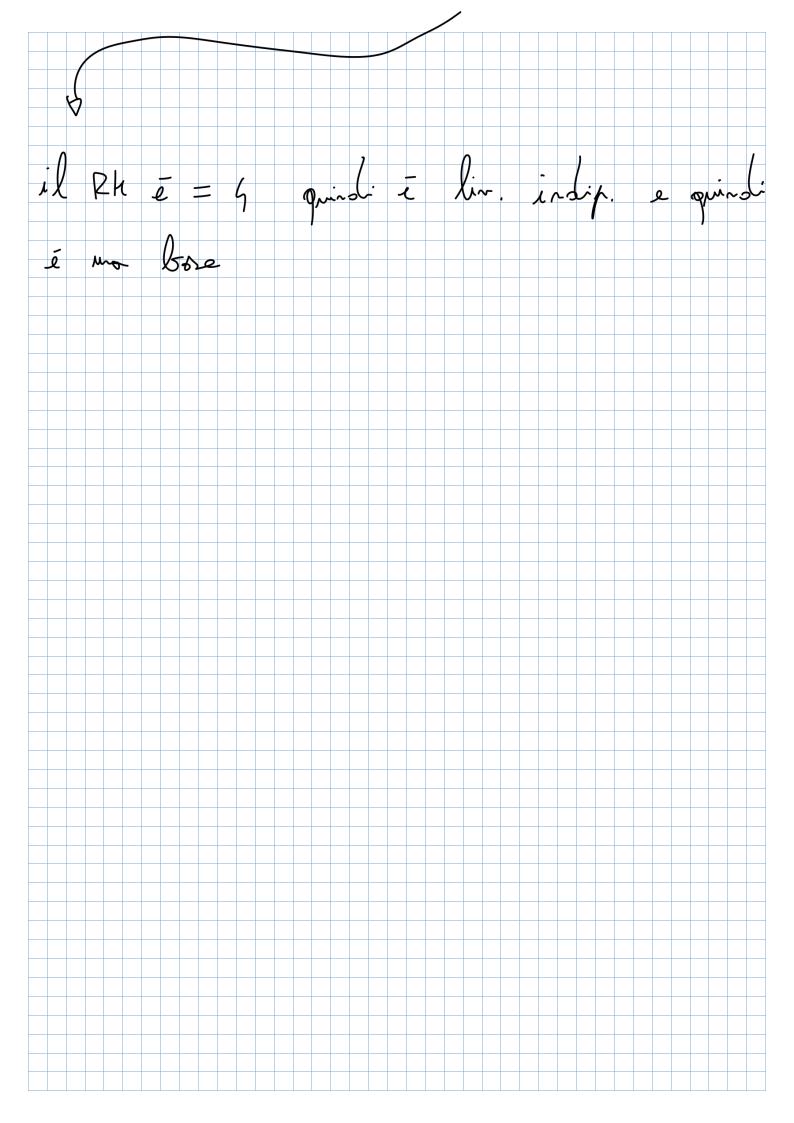






ESERCIZIO 9) $V = \langle (1,2,3), (0,1,2), (0,0,1), (1,1,1) \rangle \subset \mathbb{R}^3$ (1,2,3) = (0,1,2) + (1,1,1)V = < (0,1,2), (1,1,1), (0,0,1) >lineamente indifendenti





ESTRONO 10) = { (2,1,0)+(0,3,1)=(2,4,1) }
$$V = \left\{ (2,1,0), (0,3,1), (2,4,1), (1,2,3), (3,2,1) \right\}$$

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