Solving Axzb

Find all solutions, depending on  $6_1$ ,  $6_2$ ,  $6_3$ ?

$$+2x - 2y - 2z = 61$$
 $+2x - 5y - 4z = 62$ 
 $+2x - 6y - 8z = 63$ 

Solution.

Eliminatur.

## =D Ruper elementus.

10 -2 1 5 b1 -2 b2

0 1 0 2 b1 - b2

0 0 0 0

4 4 4

prot 2

ranables

(x,y)

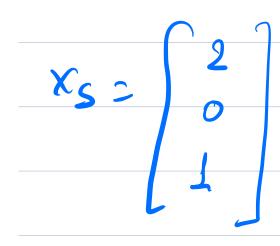
-D Pathcular solution:

• Ax = b• 8 = 0•  $2b_1 - 2b_2$ •  $2b_2 - b_2$ 

Description.

Arso

221 Conly 1 Ree ranable)



All soluturs

X = Xp + CXS