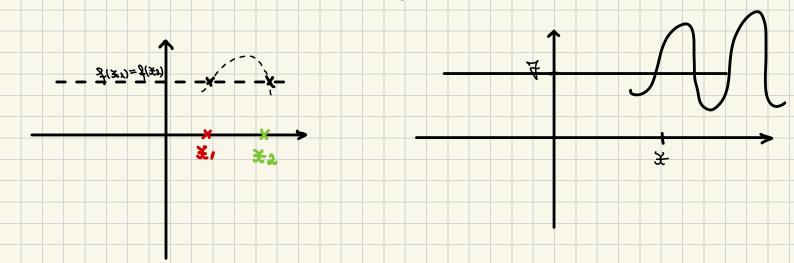


```
0 #-1
      Beergemen co & ($1) = $1$2), pt. $1, $2 ER (=)
  (=1 ×2+ ×1+1 = ×2+ ×2+ (=1 ×2+ ×1 = ×2+ ×2 (=)
(=) & + & - & 2 - & = 0 (=) ( & 1 - & 2) ( & 1 + & 2) + ( & 1 - & 2) = 0 (=)
(=) (x_1-x_2)(x_1+x_2+1)=0 = ) (x_1-x_2=0)
                                         £1+ £2+1 =0
\iff \begin{cases} x_1 + x_2 = -1 \\ x_1 + x_2 = -1 \end{cases}
      Fleg $1, $2 CR , $1 + $2 a. I. $1+ $2=-1, 5tunci
 Z(x1) = Z(x3).
      $1=0 \X2=-1 => f mu este injectiva
    3: \mathbb{N} \to \mathbb{R} \left( \text{port } 3: \mathbb{C}^{0,+} \text{pos} \to \mathbb{R} \right)
     2(x) = x2+x+1, q injectiva
     Fie ZER. Cout & ER pt. care 3(*)=7.
      がま)=な=1またまけ=はこまままりーな=0
                                    D= 1-4(1-$)=1-4+0st
      Benton 4=0=1 V=-3<0 , Jose 3(*)=0 we ore
 anitajour stre un f == loc
```

$$\begin{array}{lll}
\mathbf{S}_{1} & \mathbf{S}_{1}(\mathbf{x}) = \mathbf{x}^{2} + \mathbf{x} + \mathbf{1} = \mathbf{x}^{2} + 2 \cdot \mathbf{x} \cdot \frac{1}{2} + (\frac{1}{2})^{2} + \frac{3}{4} = \\
& = (\mathbf{x} + \frac{1}{2})^{2} + \frac{3}{4} = \mathbf{1} \quad \mathbf{S}_{1}(\mathbf{x}) > 0, \quad \mathbf{M} \quad \mathbf{x} \in \mathbb{R} \\
& = \mathbf{0} \quad \mathbf{M} \quad \mathbf{x} = \mathbf{x} \cdot \mathbf{M} \quad \mathbf{x} \quad \mathbf{X}_{1}(\mathbf{x}) < 0 = \mathbf{1} \quad \mathbf{M} \quad \mathbf{x} \cdot \mathbf{M} \quad \mathbf{x}$$

₽ Z:R-R ~ grafic

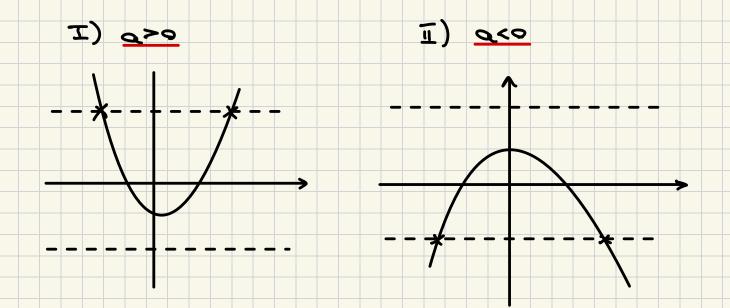
- Je afateavetni # al allaray sira : anitagmi f
- fle atatasvetni #0 al albaras sira : anitajrus f



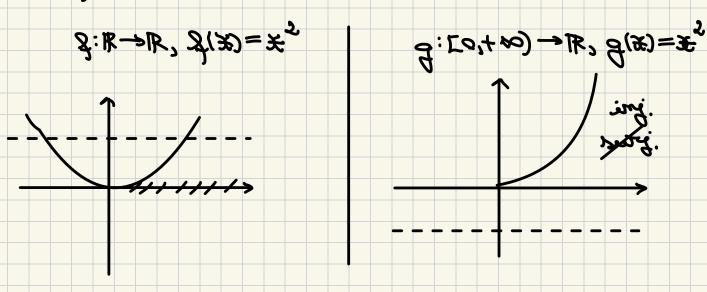
- fil affaitsavethii # al allaray sira : anitsafier f
- To, l, c ER, Q +0
 2:R-R, g(x)=Qx+Lx+C

 2+xL+ & p=(x)f, Q +Q;

 avitagina isim, avitagini isim atee un. P



Sentetrie mer 977, 9€1: E



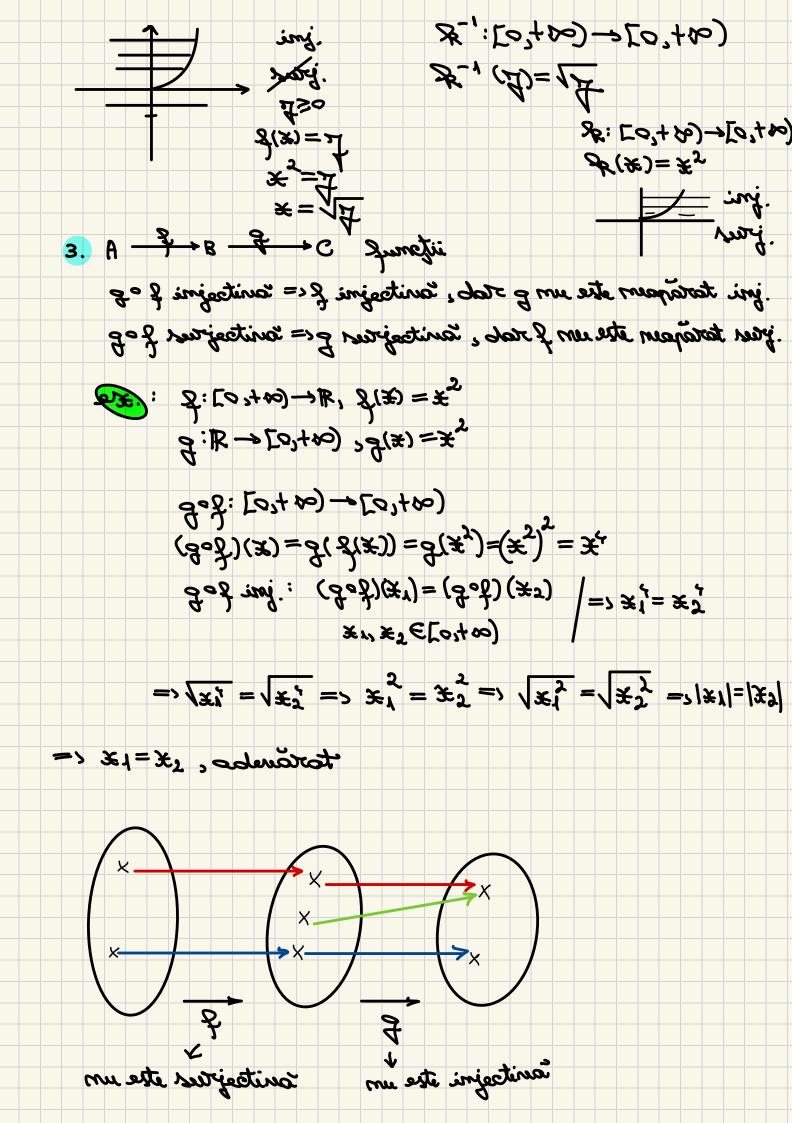
ne-strib sout # al soloran sino : sontsejrer f

mer mited les mes for settles temmes representations.

2 : [01+20) -> (-1'+20)

$$\mathcal{X}(x) = x_{x}$$

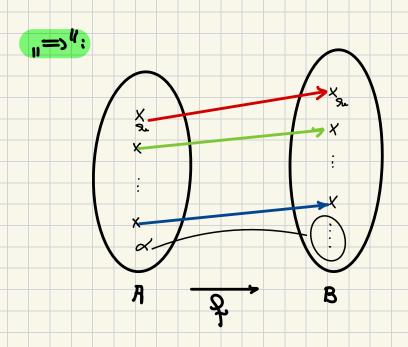
2: I - 1



8-A: & atrixe ismette diesen instlum 18, A sit ?

. aritesjaer A-B: & atrixe (=) aritesjai

Caritagni 8-A: & (E) Esado 8 (E) A-B: & (E) (E) (E)



. jour A←B: B (E) <= Ap = fof w A←B: f (E) (= . jour f war).

1 <= ": Bresupuram cå (3) q: B→A sury: => (3) R: A→B Cu 202 = LA , Sh injectiva

$$z = (z_{-1}, o_{-1})(z) = z_{-1}(z_{-1}, (z_{-1}, (z_{-1}, z_{-1})) = z_{-1}(z_{-1}, z_{-1})$$

$$(3-103-1)0(302)=3-103005=102$$

$$\Rightarrow 3_{-1} \circ 3_{-1} = (30)_{-1}$$

$$\Rightarrow 3_{-1} \circ 3_{-1} = (30)_{-1}$$