$$|i+z|^2 - i = 2$$

[impossibile]

$$|2|^2 = a^2 + b^2$$

$$|a+i(b+1)|^2-i=2$$

$$a^2 + (b+1)^2 - x = 2$$

$$a^2 + b^2 + 1 + 2b - i = 2$$

$$a^{2}+b^{2}+2b-1-i=0$$

un numer compleres Z = a + i b i nouve a 0 sse a=0 e lr=0

PARTE REALE

MPOSSIBILE fleché la jorte immoginaria

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$$|i+z|^2 - i - 2 = z$$

$$[2-i;-1-i]$$

2 = a + ib

$$\left[i+a+ib\right]^{2}-i-2=a+ib$$

$$|a+i(b+1)|^2-i-2=a+ib$$

$$a^{2} + (b + 1)^{2} - i - 2 = a + ib$$

$$a^2 + b^2 + 1 + zb - i - z - a - ib = 0$$

$$a^{2}+b^{2}-1+2b-a+i(-1-b)=0$$

PARTE REALE

