

$$E = \left\{x: x = \frac{n+2}{n}, n \in \mathbb{N} - \{0\}\right\}, x_0 = 1.$$
 Die se $x_0 = 1$ is discountatione for E .

$$E = \left\{x \in \mathbb{R} \mid x = 1 + \frac{2}{n}, n \in \mathbb{N} - \{0\}\right\} = 1$$

$$= \left\{3, 2, 1 + \frac{2}{3}, 1 + \frac{1}{2}, 1 + \frac{2}{5}, \dots\right\}$$

$$= \frac{1}{2} \cdot \frac{2}{3} \cdot \frac{$$

Trova, se esistono, l'estremo superiore, l'estremo inferiore, il massimo e il minimo dei seguenti insiemi. $C = \{1\} \cup \{x \in \mathbb{R}: x \ge 2\}.$ 49 A =]1; 3[; $B=]-\infty;1];$ 50 $A = \{0, 1, 3\};$ $B =]0; 4] \cup]6; 10[;$ $C = [2; +\infty[.$ $C = \{x \in \mathbb{R}: x^2 \le 1\}.$ 49) Seep A = 3 inf A = 1 mox A, min A non existent Seep B = 1 in $f B = (-\infty)$ max B = 1 min B = n an ariste R in R non ariste R in R in R non ariste R in RC = {1}0 [2,+00) inf C = 1 min C = 1 50) sup A = 3 = mox A inf A = 0 = min A B = (0, 4] U (6, 10) inf B = 0 min B mon exste sug B = 10 max B non ariste $C = [2, +\infty)$ inf C = min C = 2 $me_{\mu} C$, $me_{\lambda} C$ non extraor in \mathbb{R} (in \mathbb{R} $me_{\lambda} C = +\infty$, $me_{\lambda} C$ non existe) 51) A = {2,3,4,5,20} nep A = mox A = 20 inf A = min A = 2 $B = \left\{ x \in \mathbb{R} \mid x^2 - 5x + 9 > 0 \right\} = \mathbb{R}$ nep, int, mox, min non existers (m 17) A=25-3640 nep C = mox C = 1 inf (= min (= -1

