PROGETTO COLLABORATIVO MPI-DIMA

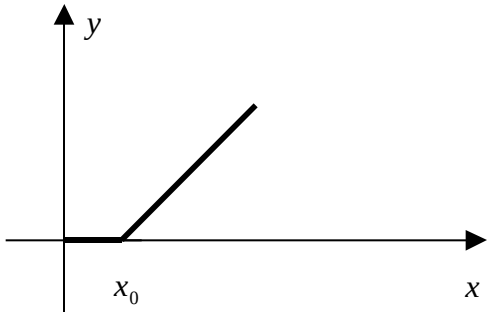
Modellizzazione matematica e costruzione e organizzazione delle conoscenze disciplinari nella scuola superiore

ARGOMENTO DI APPROFONDIMENTO 1
PROGRESSIVITA' NELLE IMPOSTE - FUNZIONI RAPPRESENTATIVE - GRAFICI

x= reddito
a= aliquota
y= imposta

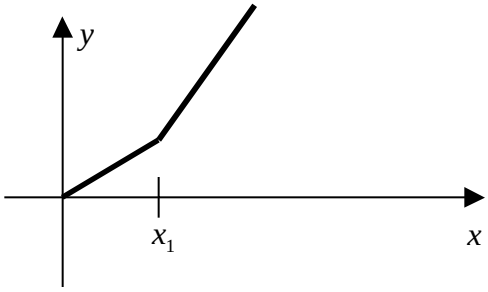
1. PER DETRAZIONE

$$y = \begin{cases} 0 & \text{se } x \le x_0 \\ a(x - x_0) & \text{se } x > x_0 \end{cases}$$



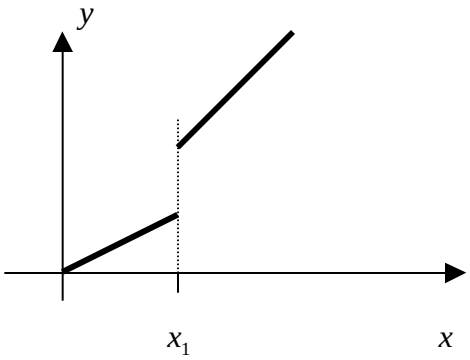
2. PER SCAGLIONI

$$y = \begin{cases} a_1 \ x & \text{se } x \le x_1 \\ a_1 \ x_1 + a_2 \ (x - x_1) & \text{se } x > x_1 \end{cases}$$

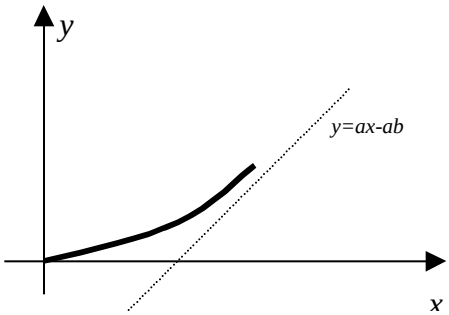


3. PER CLASSI

$$y = \begin{cases} a_1 \ x & \text{se } x \le x_1 \\ a_2 \ x & \text{se } x > x_1 \end{cases}$$



4. CONTINUA

$$y = a(x) \ x$$

ad esempio $a(x) = \dfrac{ax^2}{x + b}$