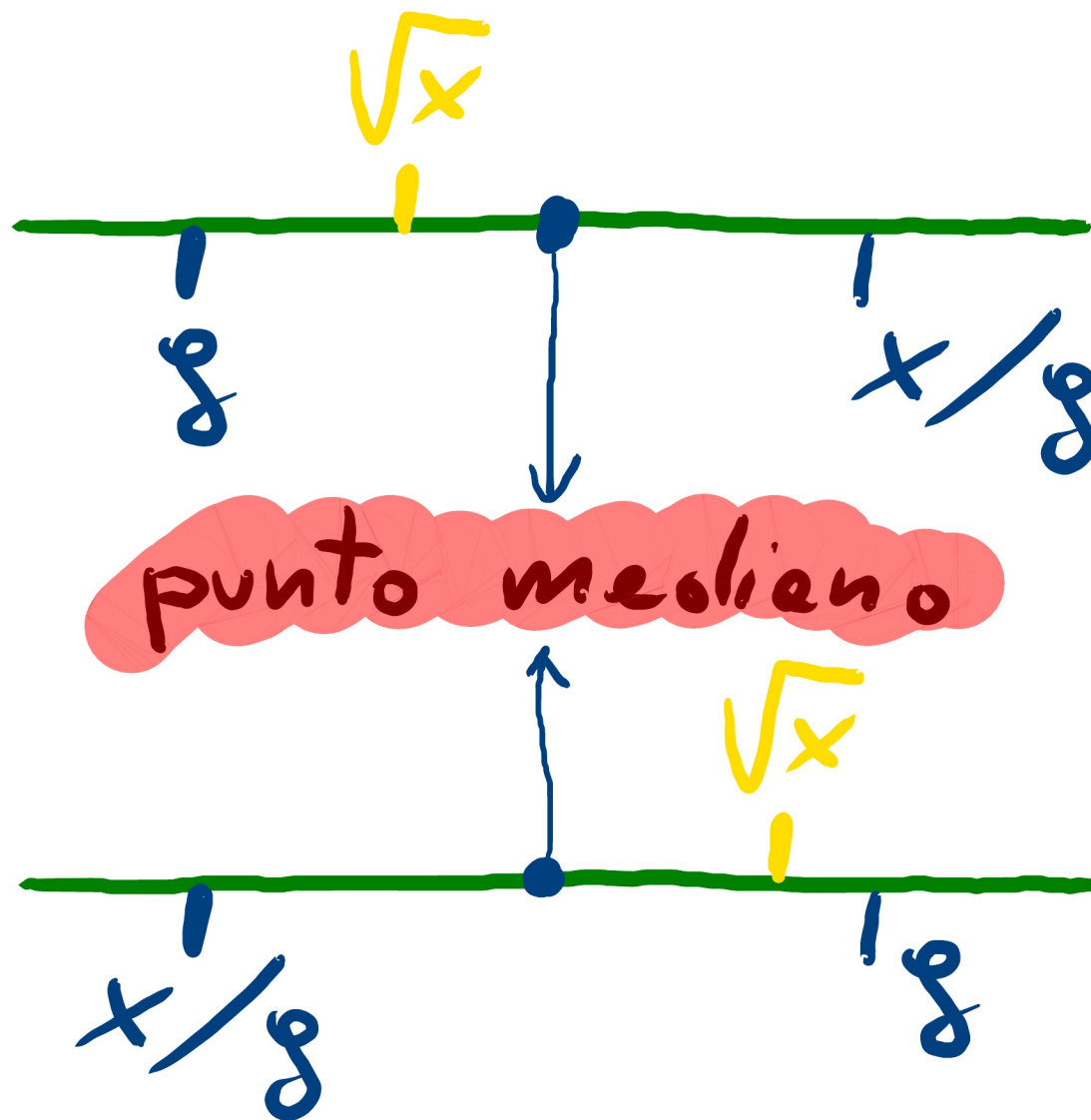


$$\text{se } g < \sqrt{x}$$

$$\frac{x}{g} > \frac{x}{\sqrt{x}} = \sqrt{x}$$

$$\text{se } g > \sqrt{x}$$

$$\frac{x}{g} < \frac{x}{\sqrt{x}} = \sqrt{x}$$

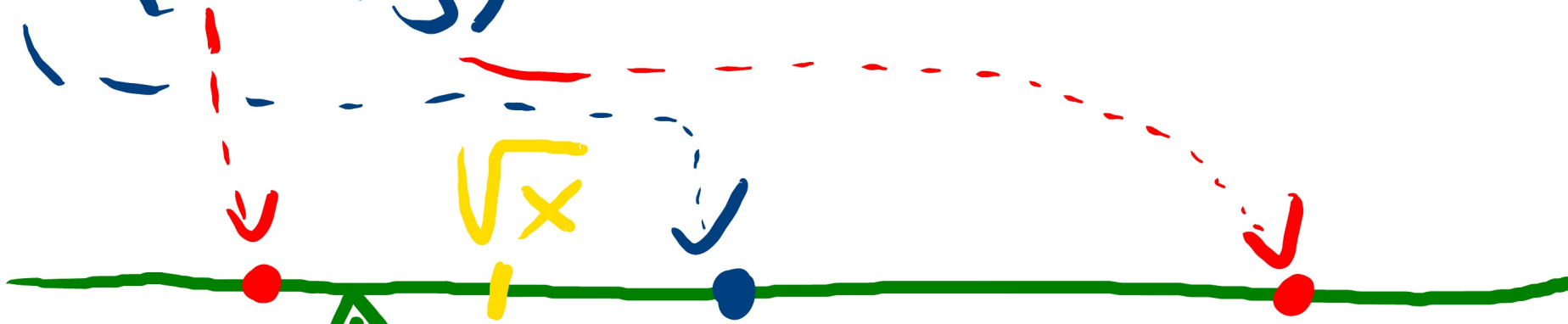


Nuove ipotesi

$$g = \left(g + \frac{x}{g} \right) / 2$$

punto medio tra g e x/g

$$g' = (g + x/g) / 2$$



$$\frac{x}{g'} = \frac{2x}{g + \frac{x}{g}} \approx \frac{2xg}{g^2 + x} > \frac{\cancel{2x}g}{\cancel{2x}}$$

$$g' = (g + x/g) / 2$$

