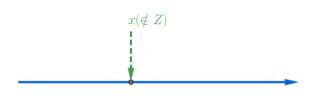
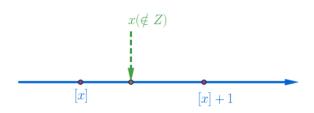
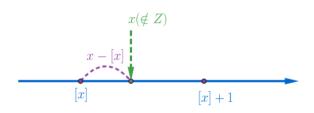
$$\forall x \notin \mathbb{Z}, \lim_{h \to 0} \frac{[x+h] - [x]}{h} = 0$$

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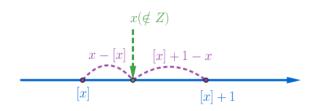




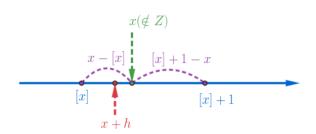
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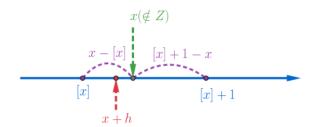


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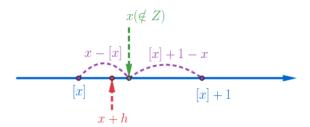
$$\forall x \notin \mathbb{Z}, \ \lim_{h \to 0} \frac{[x+h] - [x]}{h} = 0$$

$$0 < |h| < \min\{x - [x], [x] + 1 - x\}$$



$$\forall x \notin \mathbb{Z}, \lim_{h \to 0} \frac{[x+h] - [x]}{h} = 0$$

$$\begin{aligned} 0 &< |h| < \min\{x-[x], [x]+1-x\} \\ \frac{[x+h]-[x]}{h} \end{aligned}$$



$$\forall x \notin \mathbb{Z}, \ \lim_{h \to 0} \frac{[x+h] - [x]}{h} = 0$$

$$0 < |h| < \min\{x - [x], [x] + 1 - x\}$$

$$\frac{[x+h] - [x]}{h} = \frac{[x] - [x]}{h}$$

$$x(\notin Z)$$

$$x - [x]$$

$$[x] + 1 - x$$

$$\forall x \notin \mathbb{Z}, \ \lim_{h \to 0} \frac{[x+h] - [x]}{h} = 0$$

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$$x(\notin Z)$$

$$x - [x] \qquad [x] + 1 - x$$

$$[x] \qquad [x] + 1$$

$$\therefore \forall x \notin Z$$

$$\forall x \notin \mathbb{Z}, \ \lim_{h \to 0} \frac{[x+h] - [x]}{h} = 0$$

$$0 < |h| < \min\{x - [x], [x] + 1 - x\}$$

$$\frac{[x+h] - [x]}{h} = \frac{[x] - [x]}{h} = 0$$

$$x(\notin Z)$$

$$x - [x]$$

$$[x] + 1 - x$$

$$[x]$$

$$x + h$$

$$\forall x \notin \mathbb{Z}, \ \lim_{h \to 0} \frac{|x+h| - |x|}{h} = 0$$

AlgegoMath: http://me2.do/GSBHy3fk
YouTube: https://youtu.be/tORR3XcxOng

Click or paste URL into the URL search bar, and you can see a picture moving.