



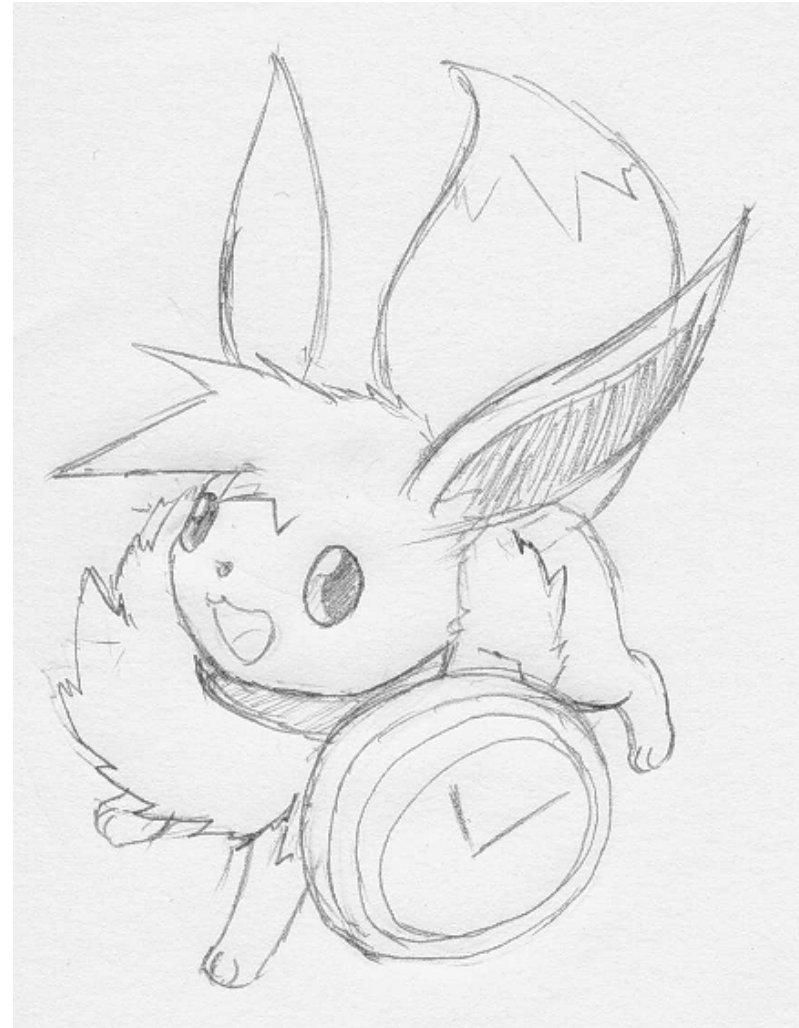
CRESCENT

drawing application : rough sketch to manga like curve

Tomofusa Shimamura

How to draw picture?

- Rough sketch
 - pen and paper
 - Scanning



Pokemon No.133 Eevee

How to draw picture?

■ Draw Region Line

- With Drawing Application

 - PhotoShop

- Use Bezier Curve



How to draw picture?

- Fill the Space with color



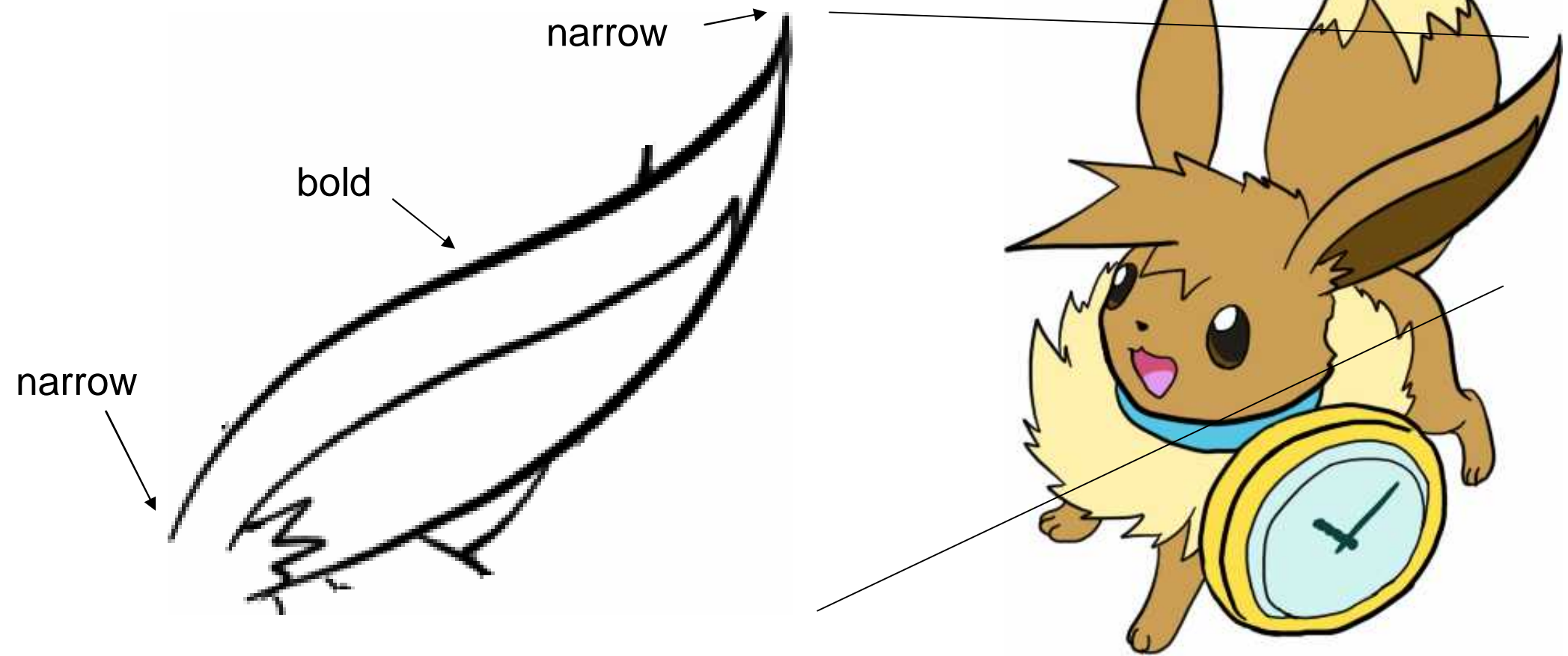
What is the Problem?

- On “Draw Region Line” process ...
 - We must draw each curve one by one
 - takes too much time
- if “Rough Sketch” and “Region Line” are connected ...



What is “Crescent” ?

- “Crescent” = (日本語)「三日月」
- the feature of “manga like line”
 - boldness of line changes



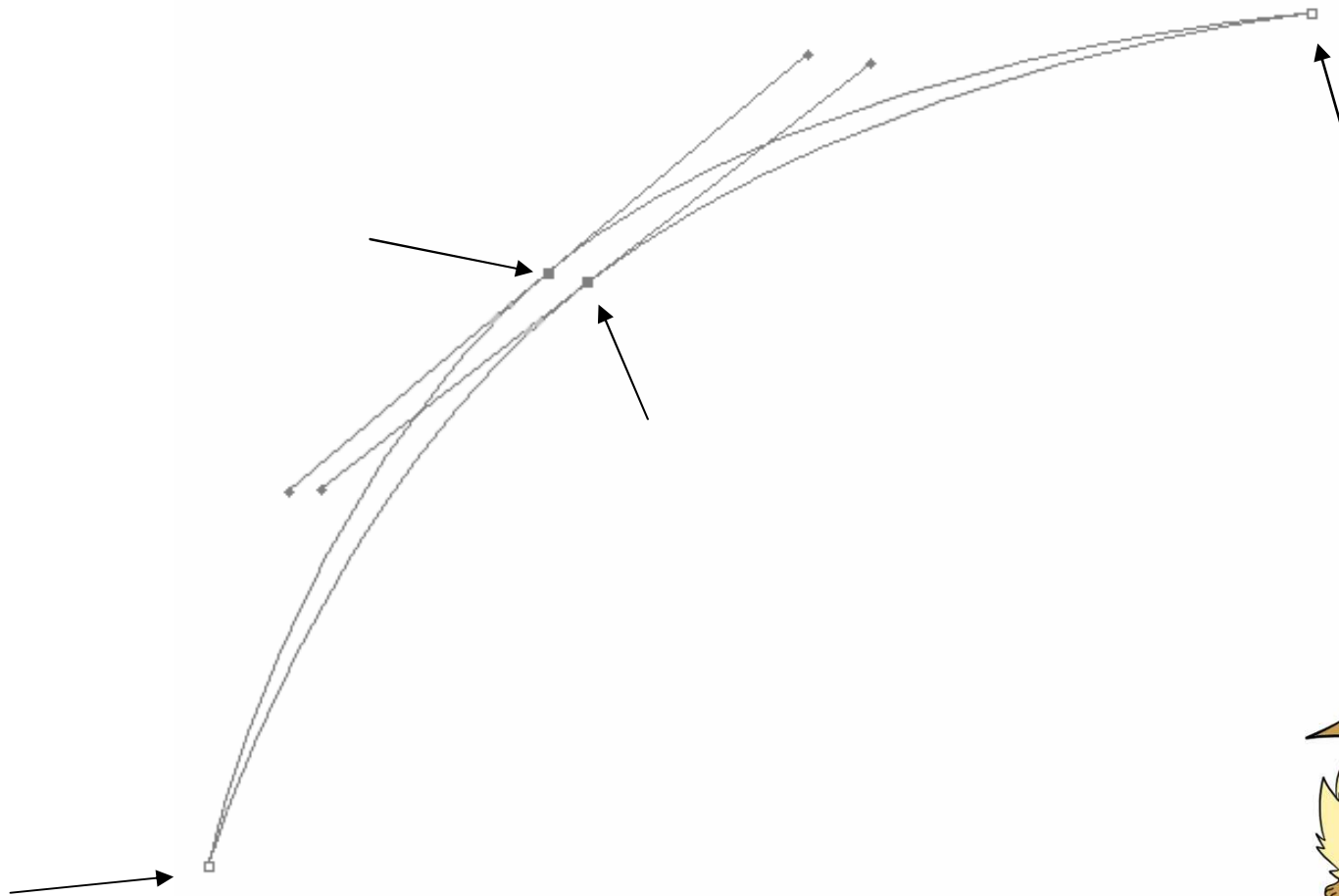
How to draw “manga like line” ?

- A region encircled by a pair of Bezier Curve.



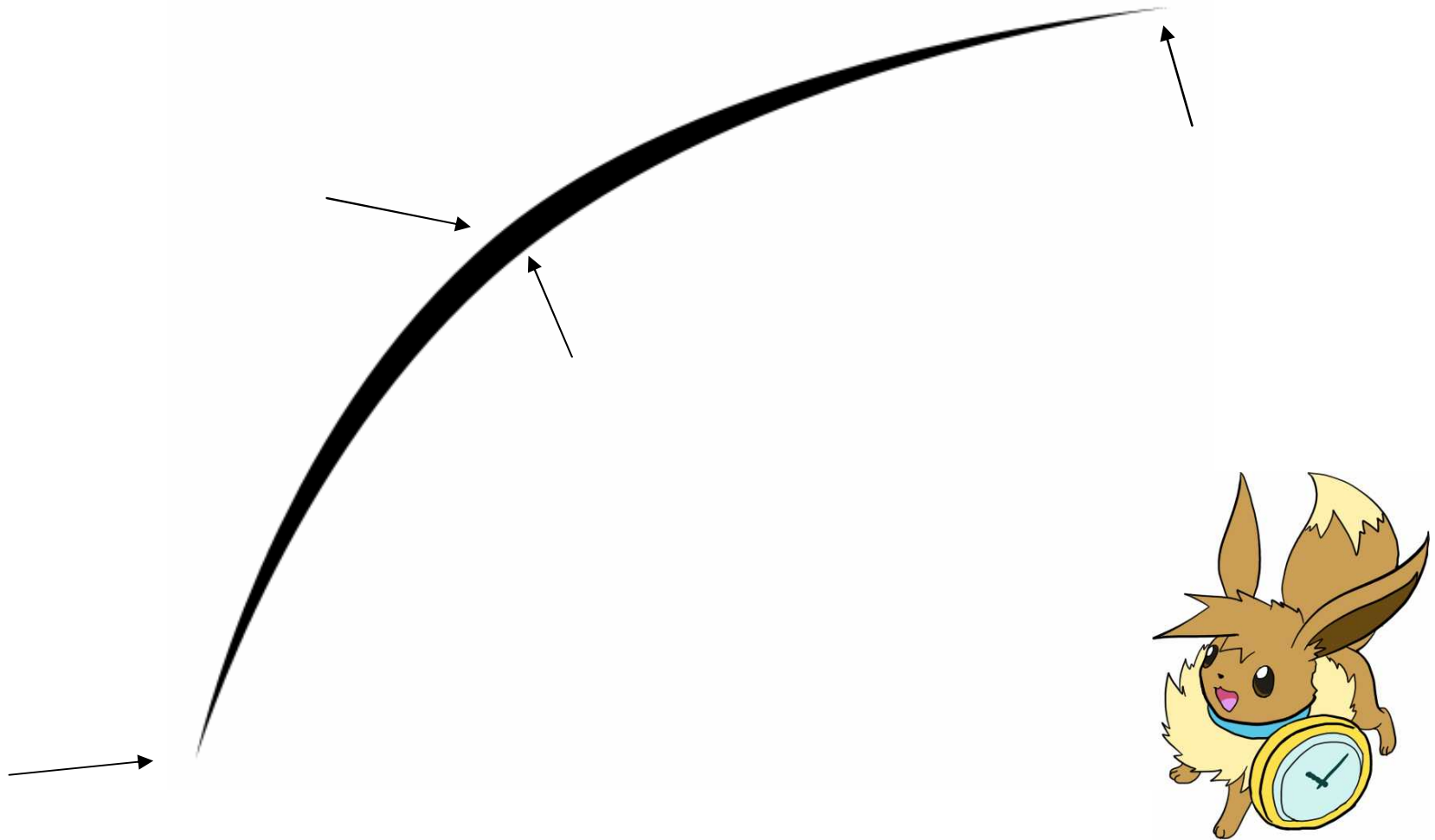
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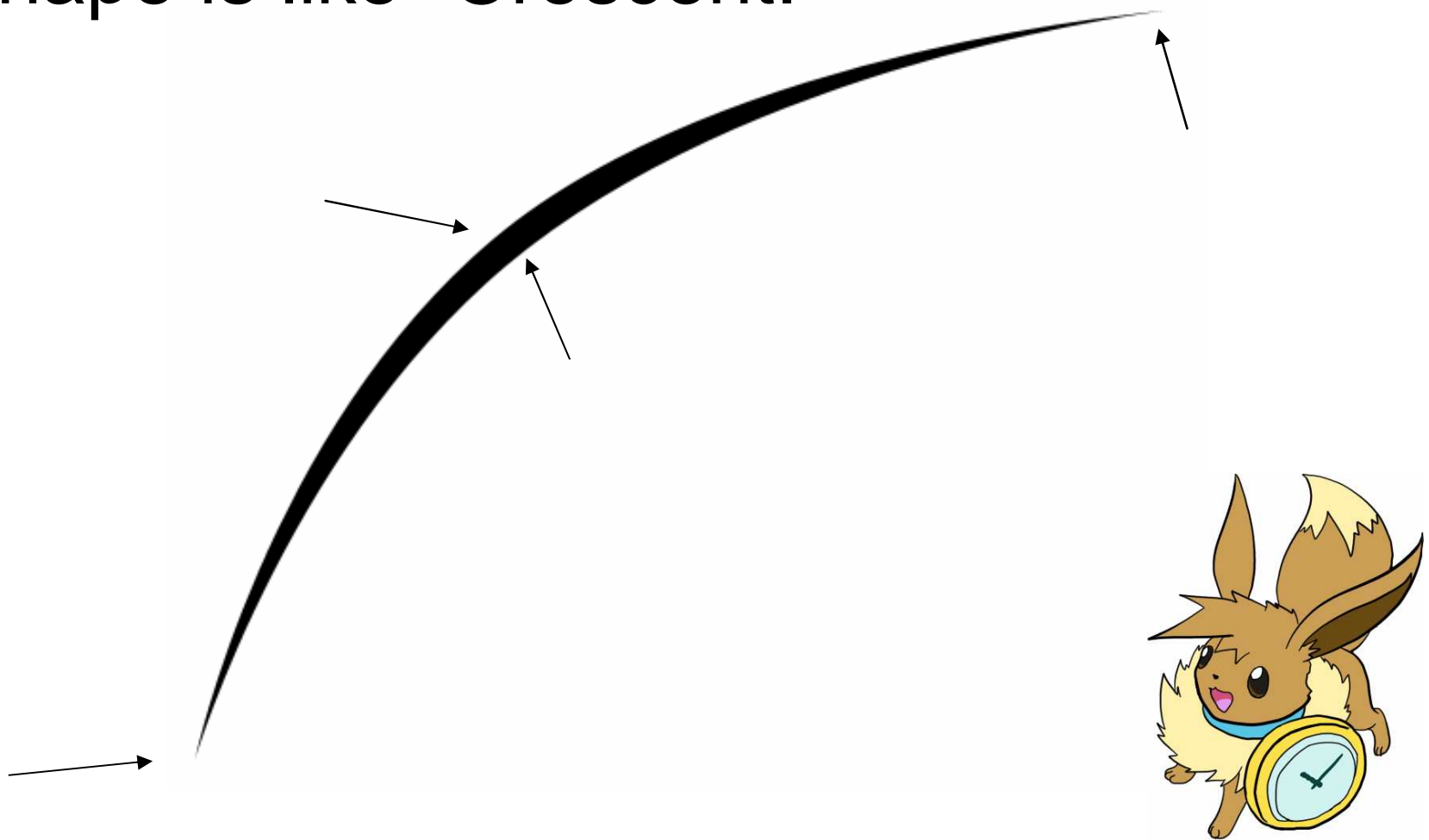
How to draw “manga like line” ?

- then fill the region.



How to draw “manga like line” ?

- then fill the region.
- this shape is like “Crescent.”



What will “Crescent” do?

- Draw rough sketch in Crescent
 - recognized as “multi stroke curve”
- Analyze the rough curve
 - decide principle direction
 - decide curve
 - decide boldness
- Draw manga like curve
- Seamless connection of “rough sketch” and “manga like curve”

All process are done in Crescent !

