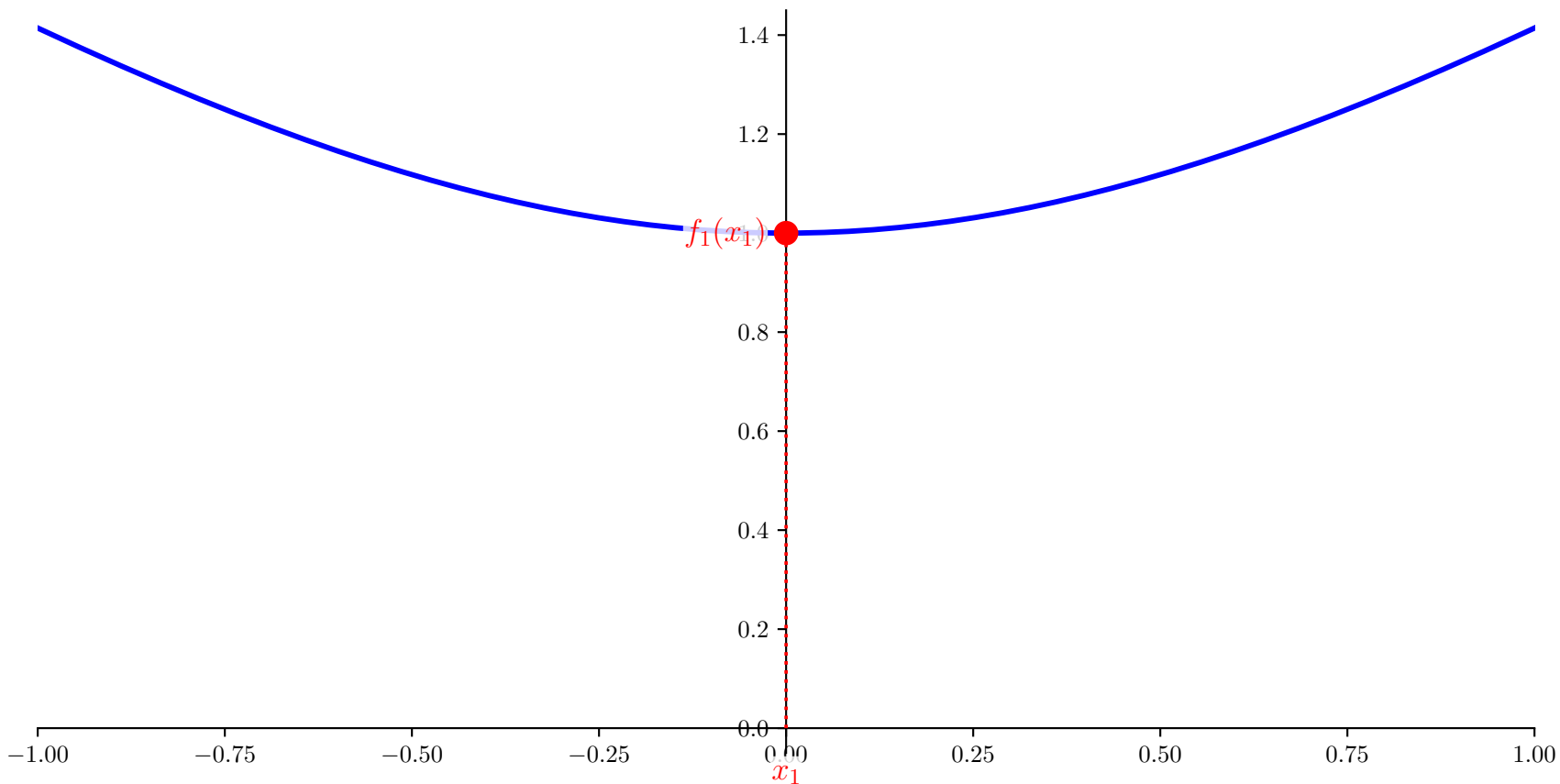


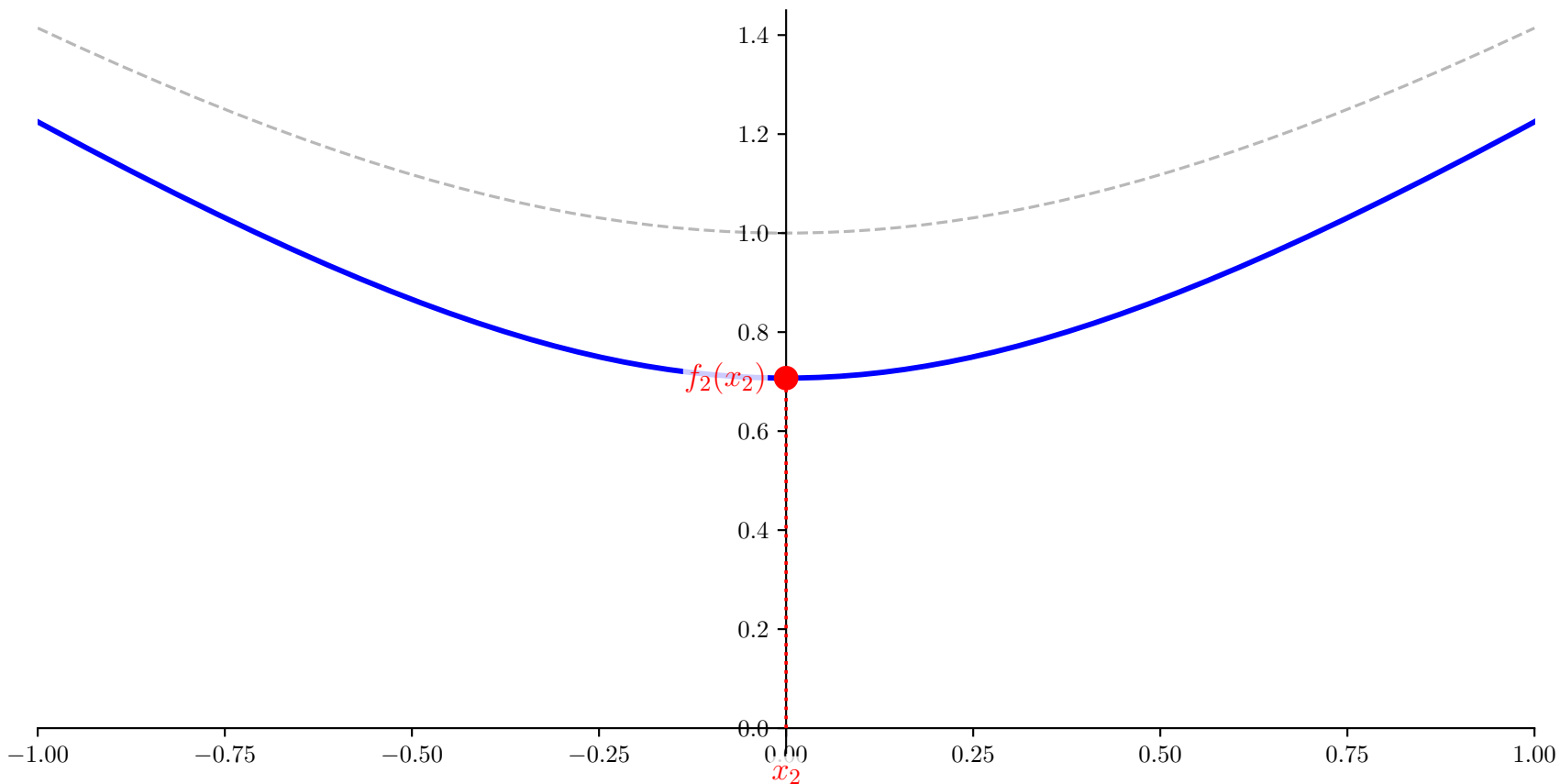
$$f_n(x) = \sqrt{x^2 + 1/n}, n = 1$$



Point mobile : $(x_n, f_n(x_n))$

— courbe de f_n courante ● point $(x_n, f_n(x_n))$ — limite f

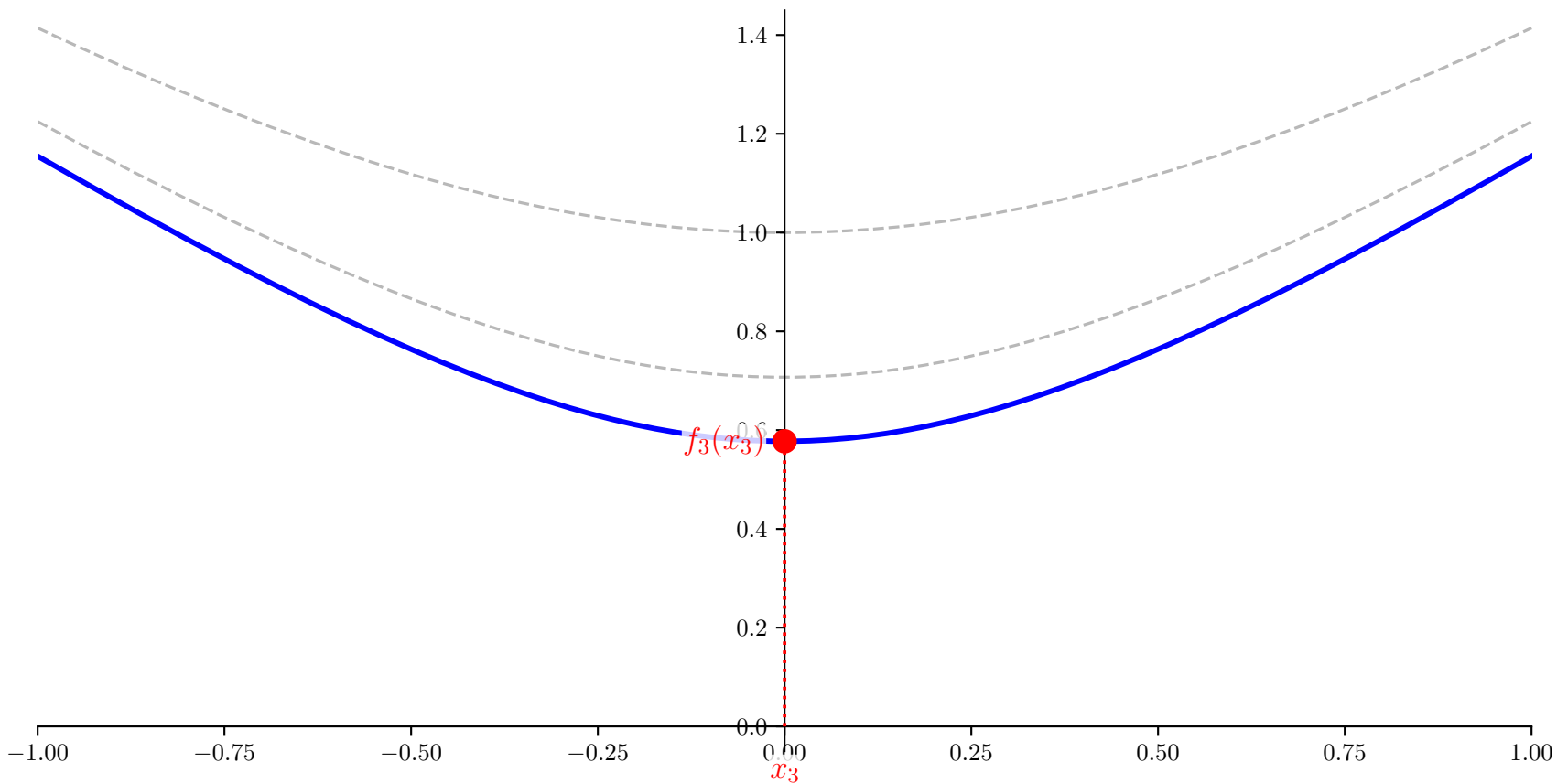
$$f_n(x) = \sqrt{x^2 + 1/n}, n = 2$$



Point mobile : $(x_n, f_n(x_n))$

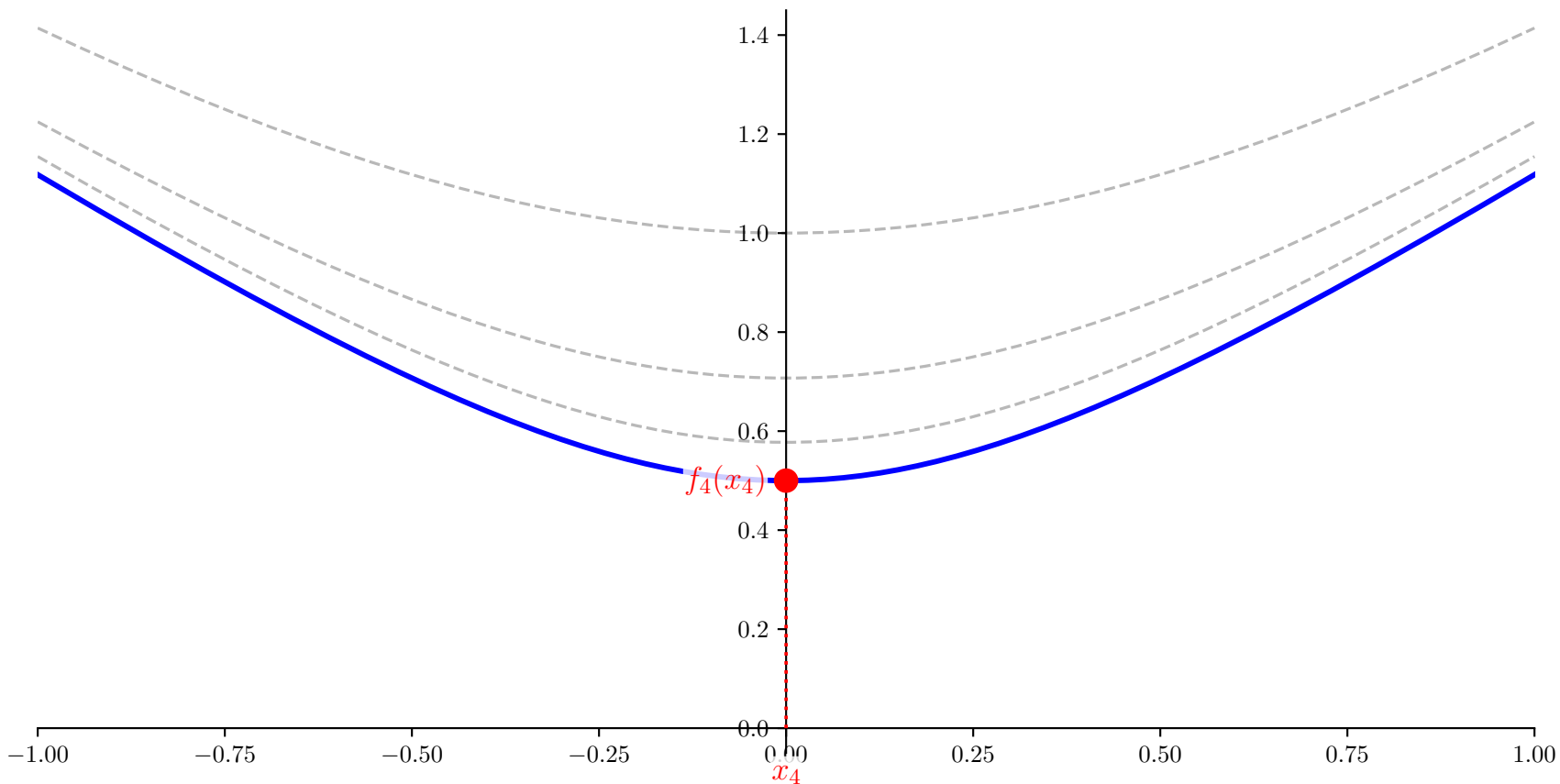
— courbe de f_n courante
 ● point $(x_n, f_n(x_n))$
 — limite f

$$f_n(x) = \sqrt{x^2 + 1/n}, n = 3$$



— courbe de f_n courante
 ● point $(x_n, f_n(x_n))$
 — limite f

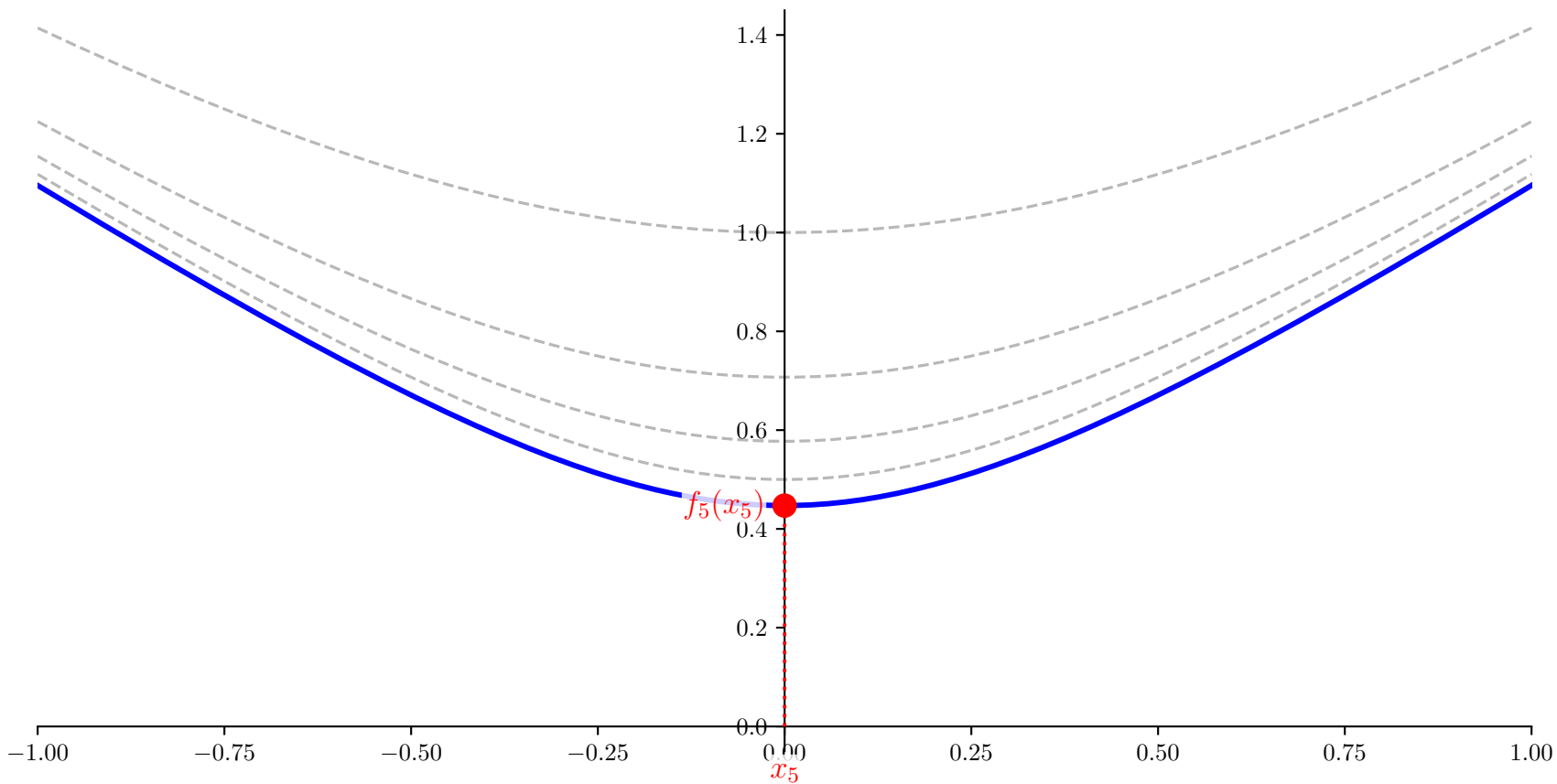
$$f_n(x) = \sqrt{x^2 + 1/n}, n = 4$$



Point mobile : $(x_n, f_n(x_n))$

— courbe de f_n courante
 ● point $(x_n, f_n(x_n))$
 — limite f

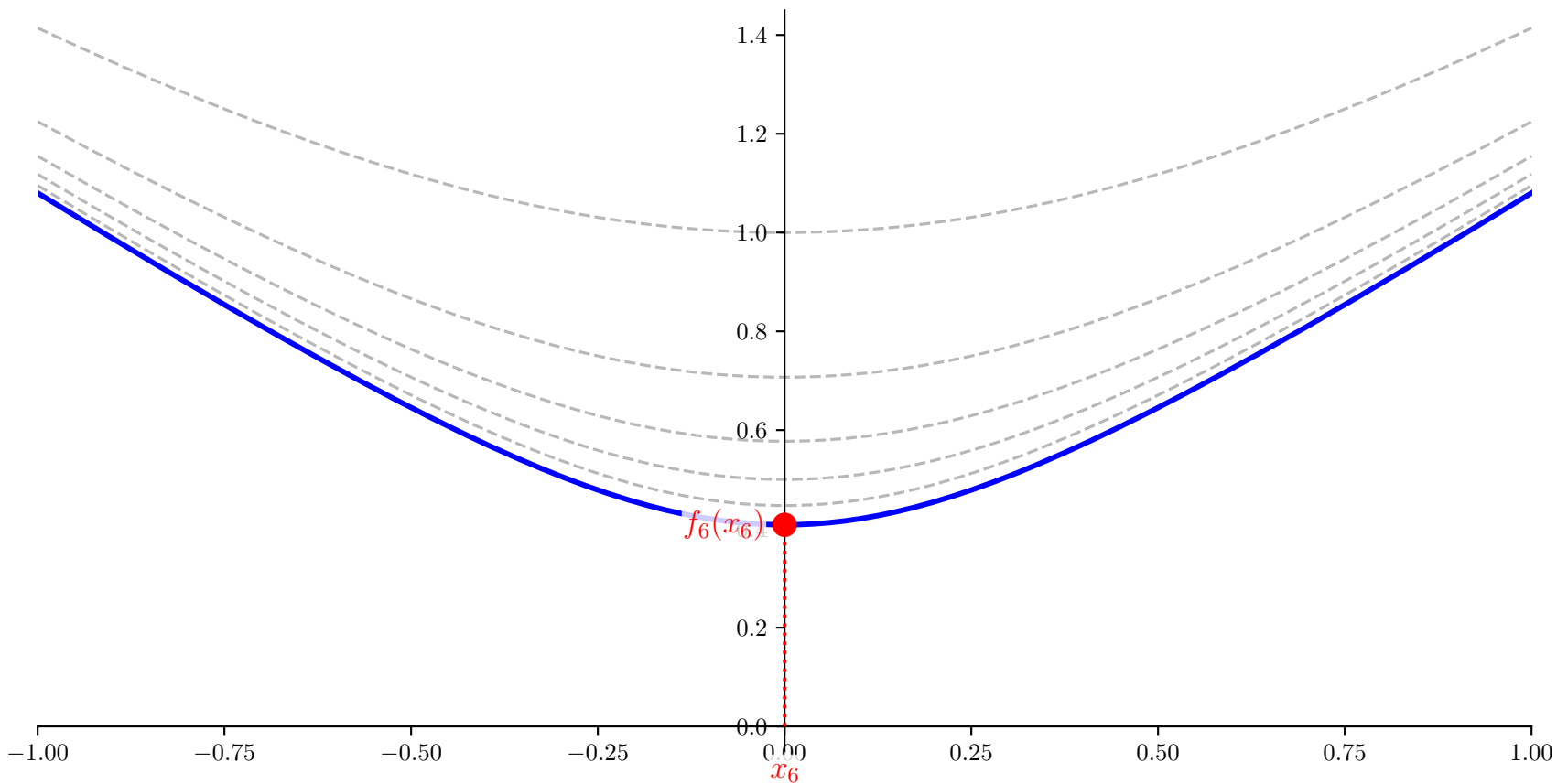
$$f_n(x) = \sqrt{x^2 + 1/n}, n = 5$$



Point mobile : $(x_n, f_n(x_n))$

— courbe de f_n courante ● point $(x_n, f_n(x_n))$ — limite f

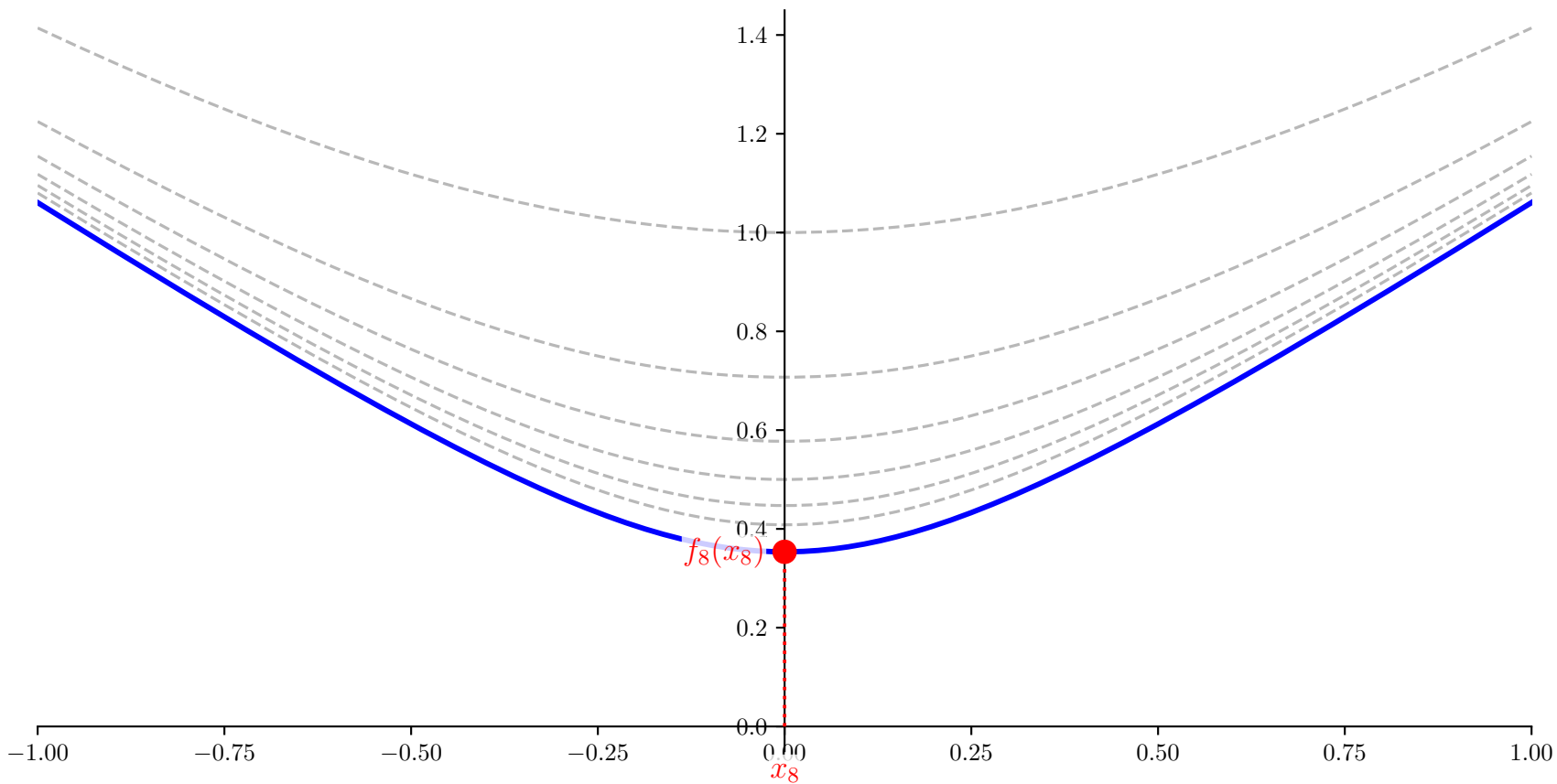
$$f_n(x) = \sqrt{x^2 + 1/n}, n = 6$$



Point mobile : $(x_n, f_n(x_n))$

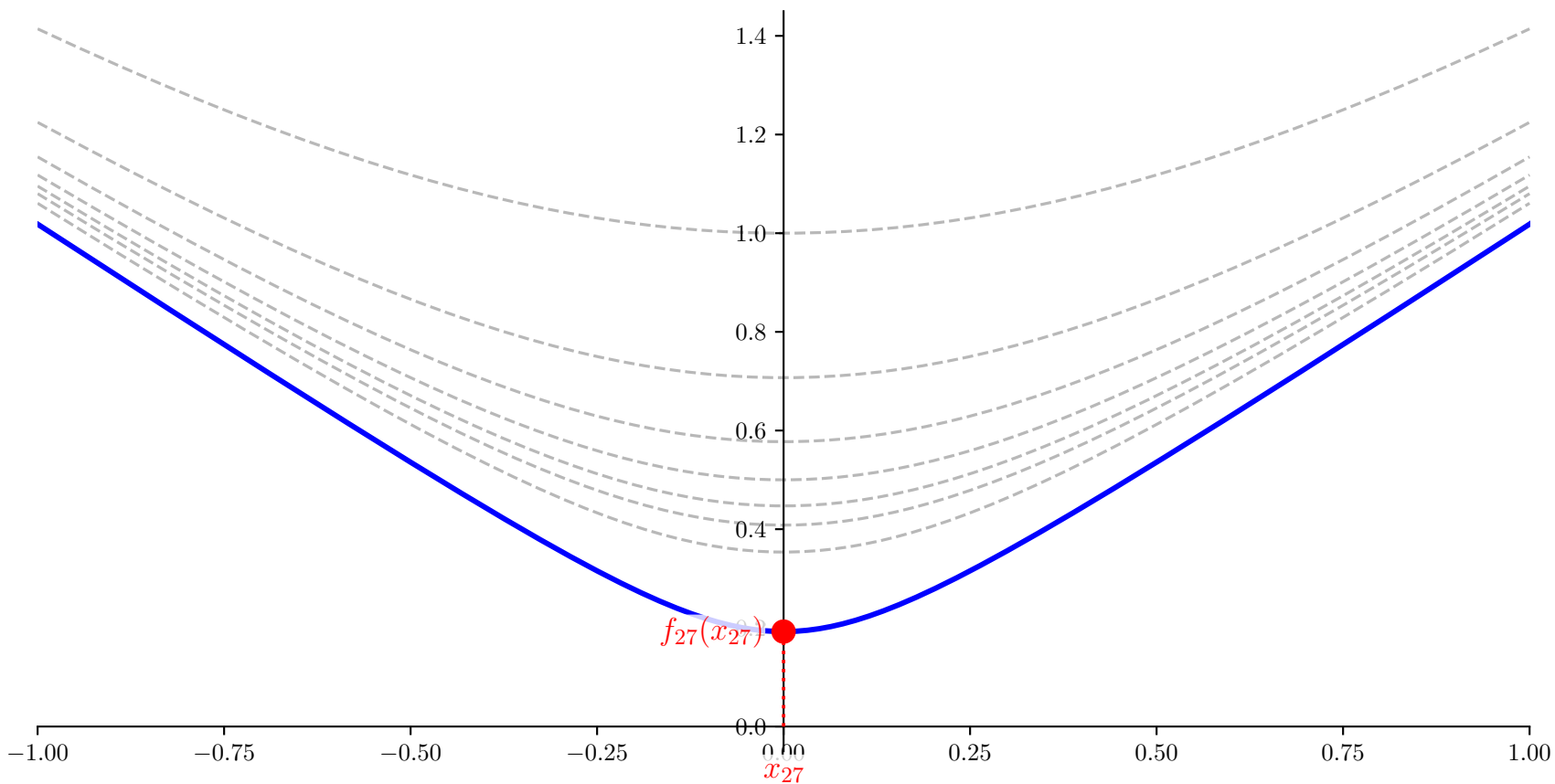
— courbe de f_n courante ● point $(x_n, f_n(x_n))$ — limite f

$$f_n(x) = \sqrt{x^2 + 1/n}, n = 8$$



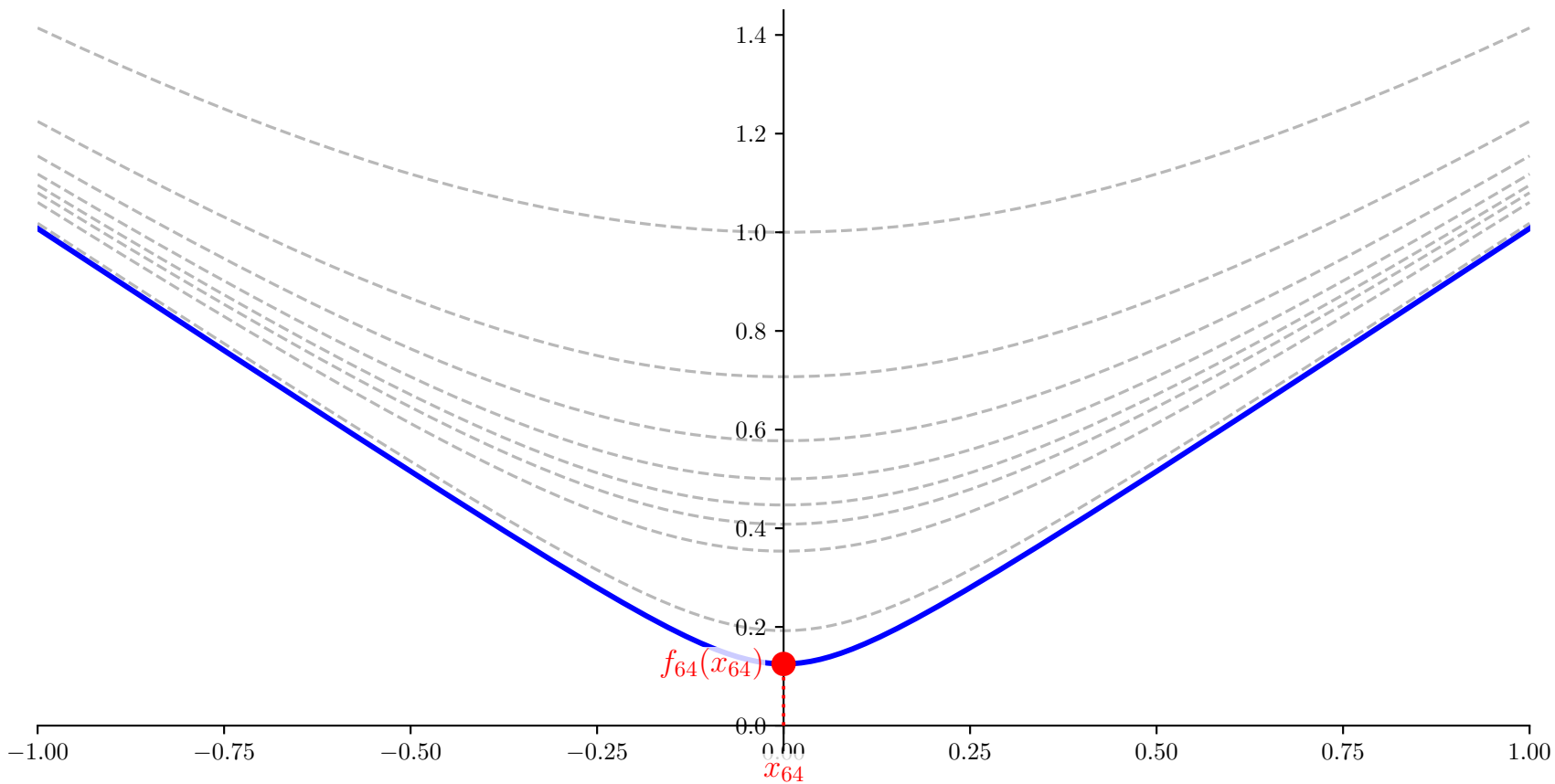
— courbe de f_n courante
 ● point $(x_n, f_n(x_n))$
— limite f

$$f_n(x) = \sqrt{x^2 + 1/n}, \quad n = 27$$



— courbe de f_n courante
 ● point $(x_n, f_n(x_n))$
 — limite f

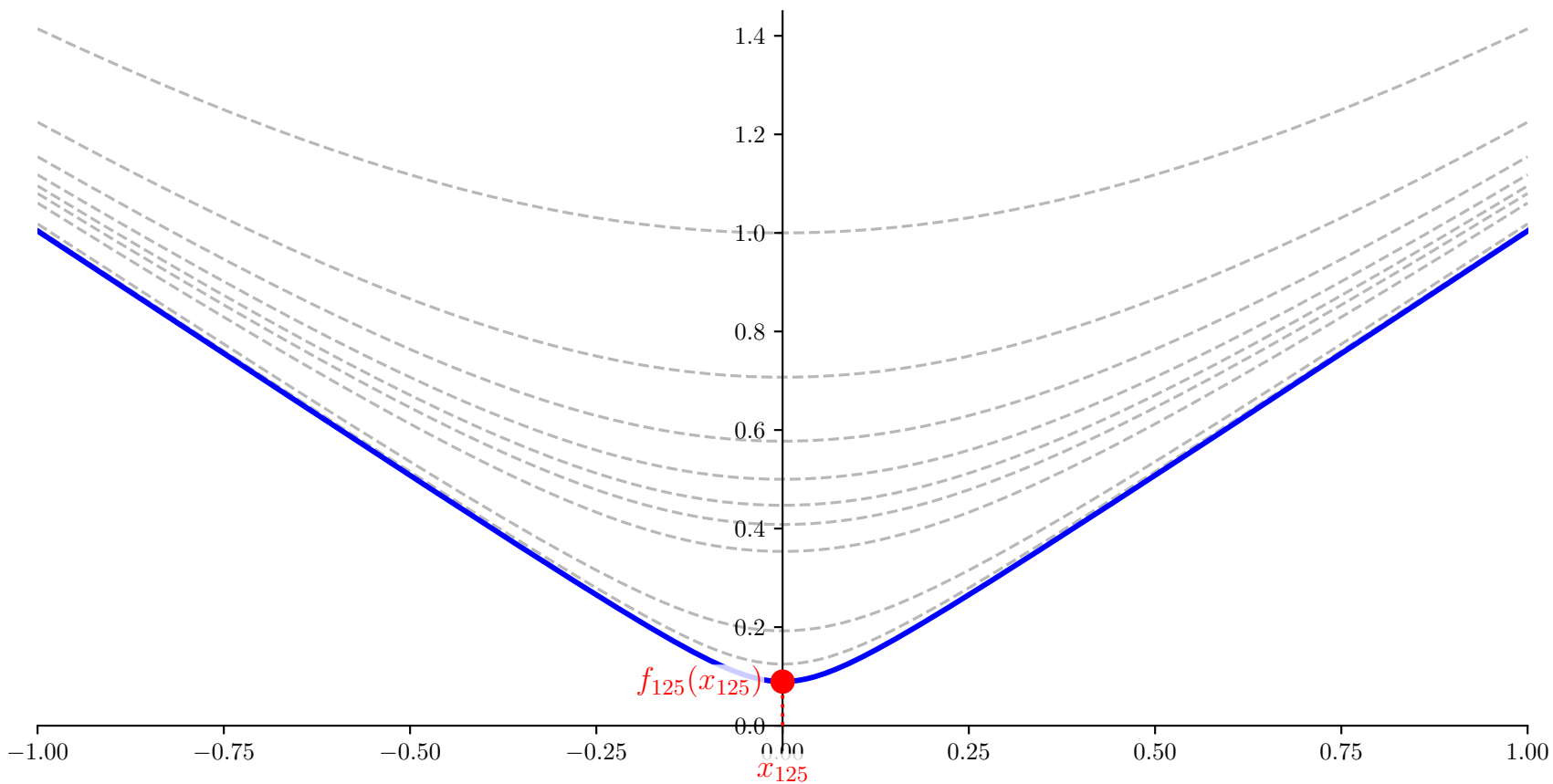
$$f_n(x) = \sqrt{x^2 + 1/n}, n = 64$$



Point mobile : $(x_n, f_n(x_n))$

— courbe de f_n courante ● point $(x_n, f_n(x_n))$ — limite f

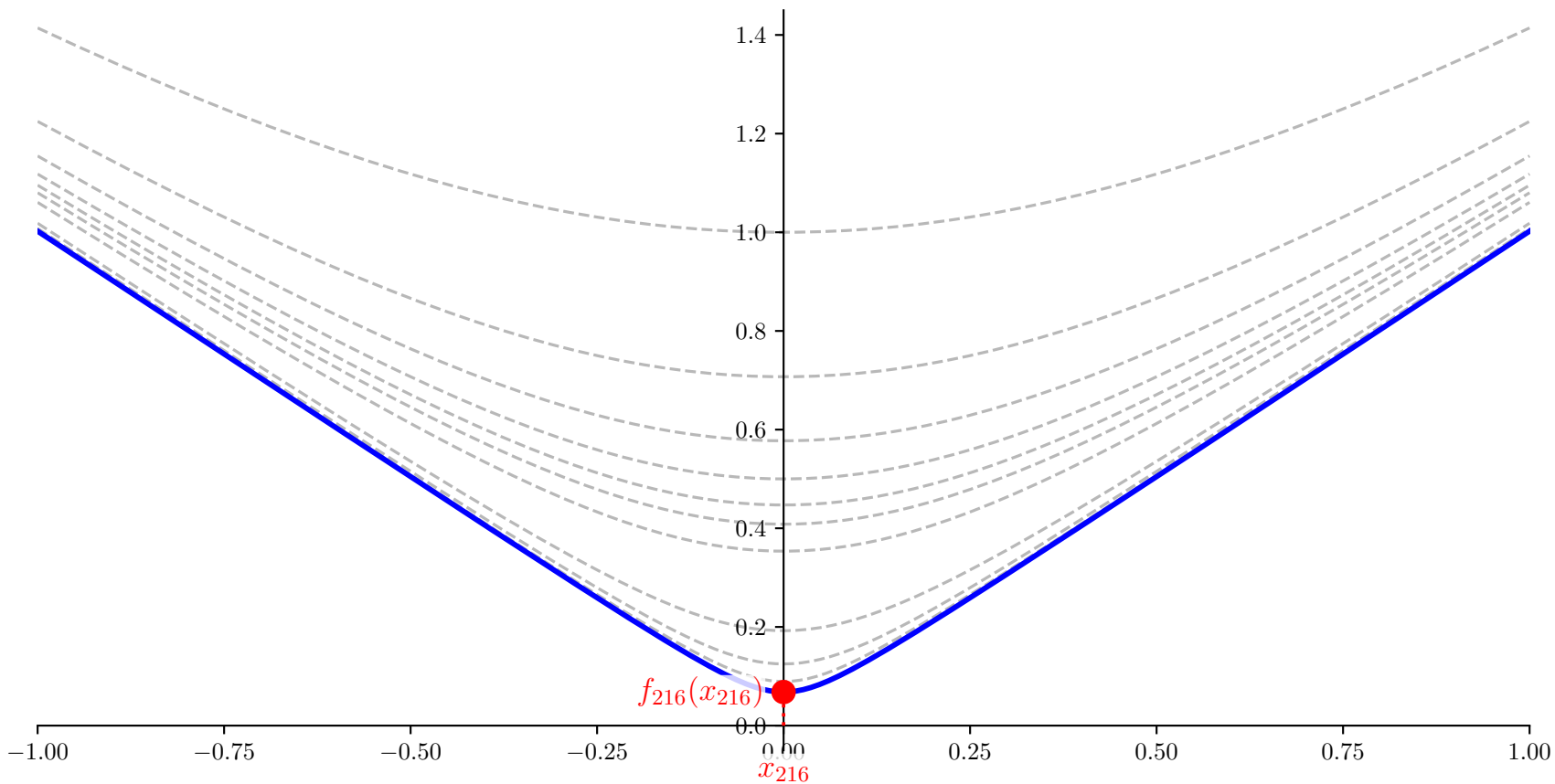
$$f_n(x) = \sqrt{x^2 + 1/n}, n = 125$$



Point mobile : $(x_n, f_n(x_n))$

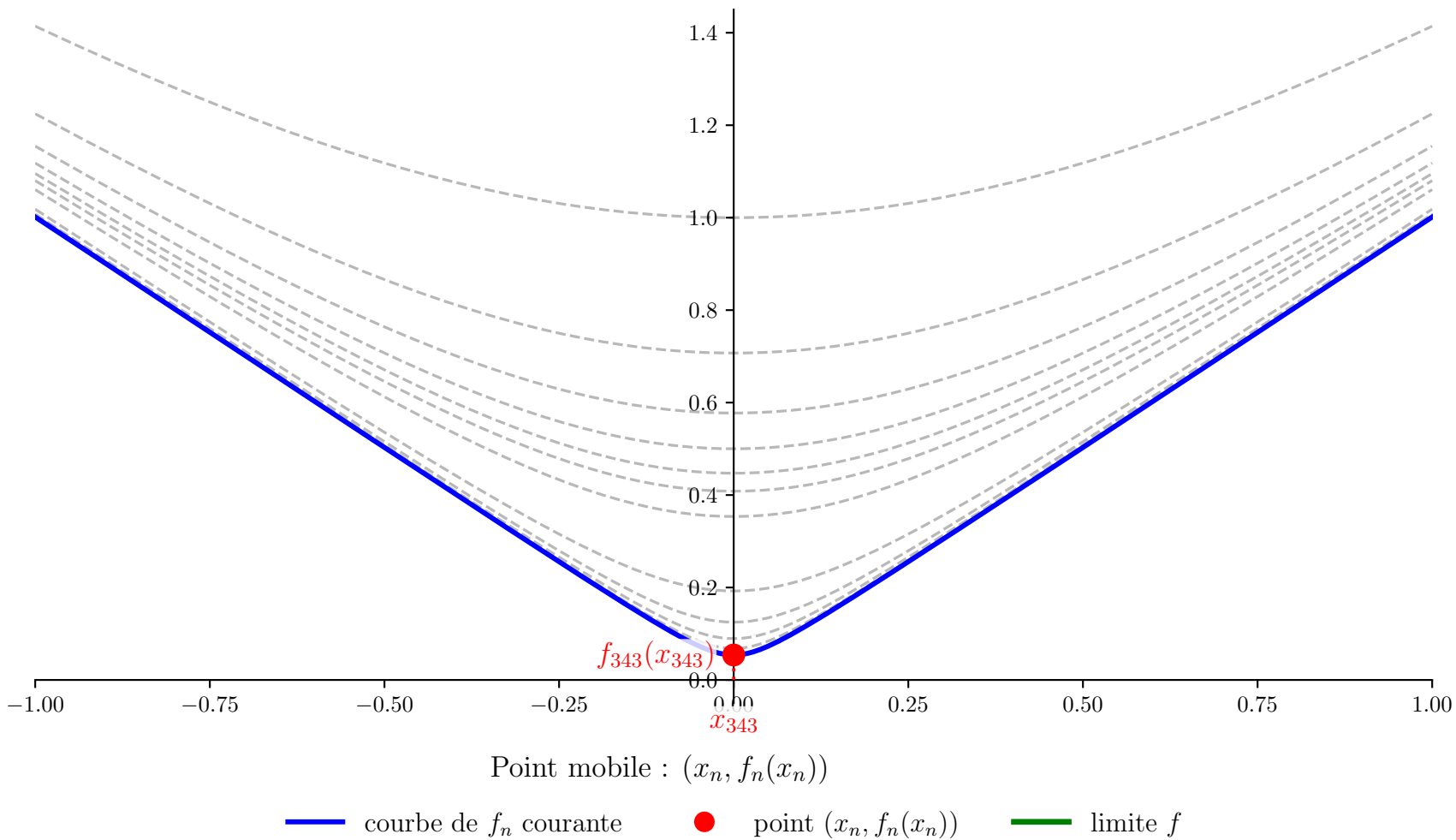
— courbe de f_n courante ● point $(x_n, f_n(x_n))$ — limite f

$$f_n(x) = \sqrt{x^2 + 1/n}, \quad n = 216$$

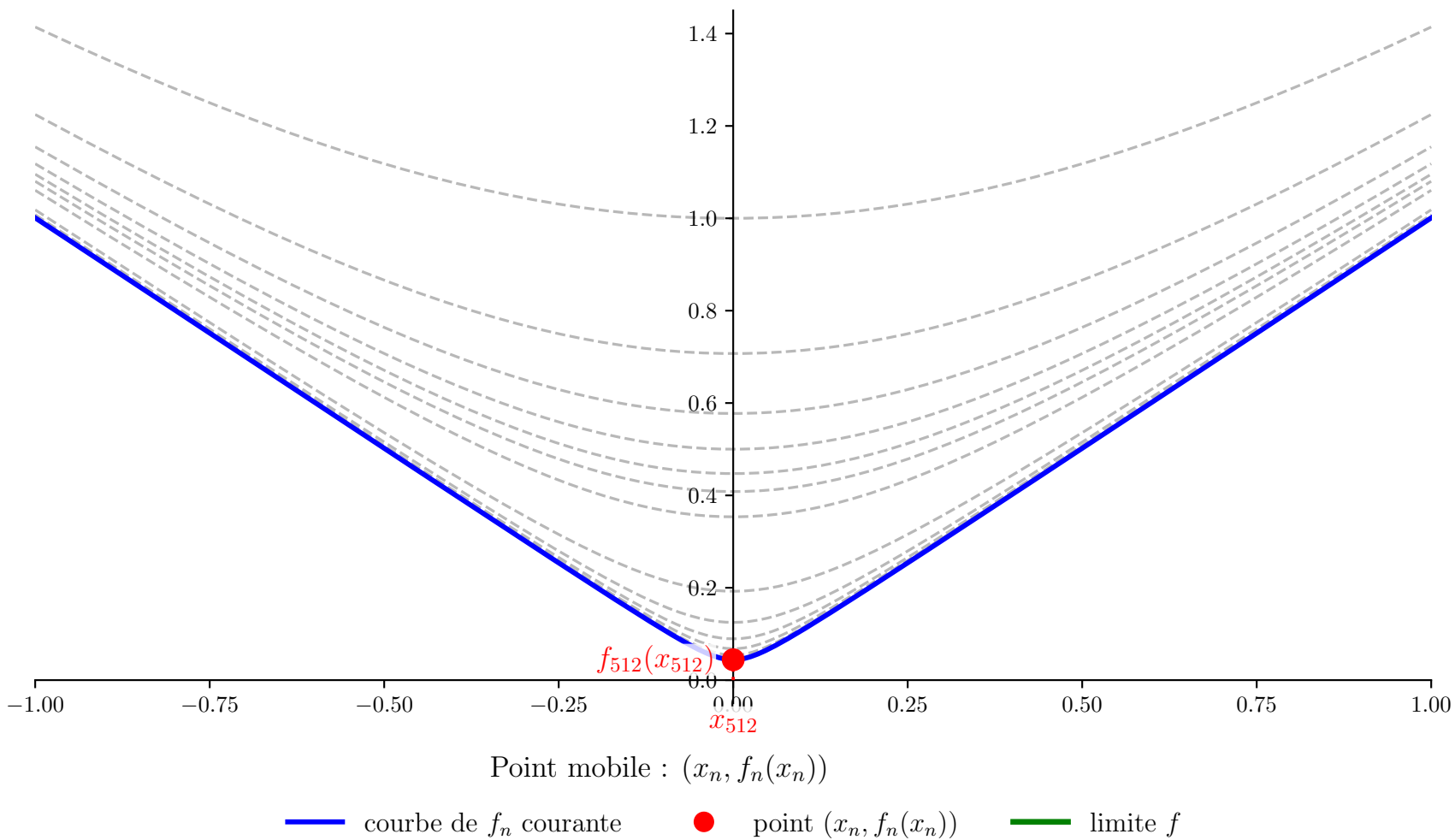


— courbe de f_n courante
 ● point $(x_n, f_n(x_n))$
 — limite f

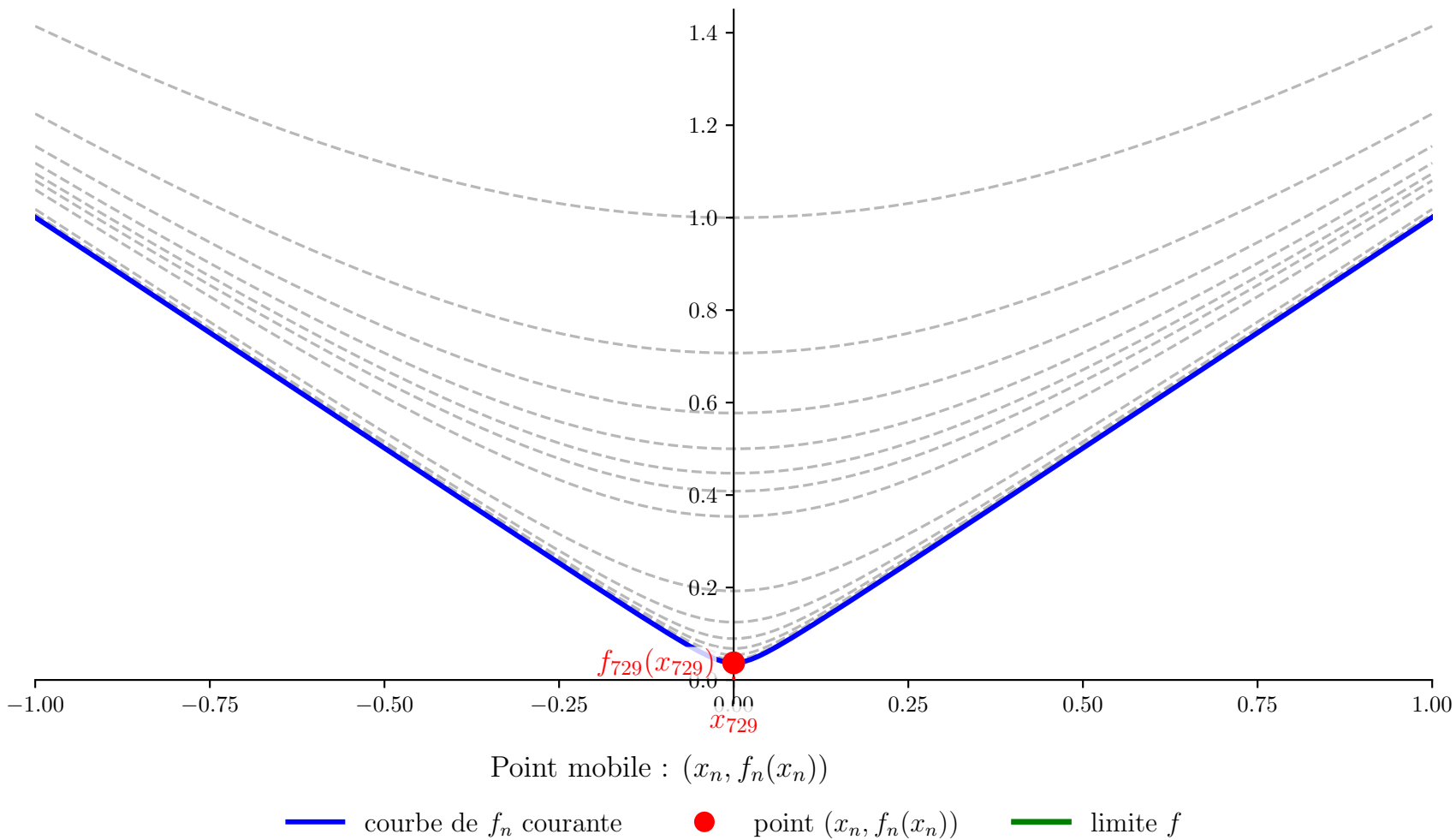
$$f_n(x) = \sqrt{x^2 + 1/n}, \quad n = 343$$



$$f_n(x) = \sqrt{x^2 + 1/n}, n = 512$$



$$f_n(x) = \sqrt{x^2 + 1/n}, \quad n = 729$$



$$f_n(x) = \sqrt{x^2 + 1/n}, \quad n = 729$$

